

FIG. 1

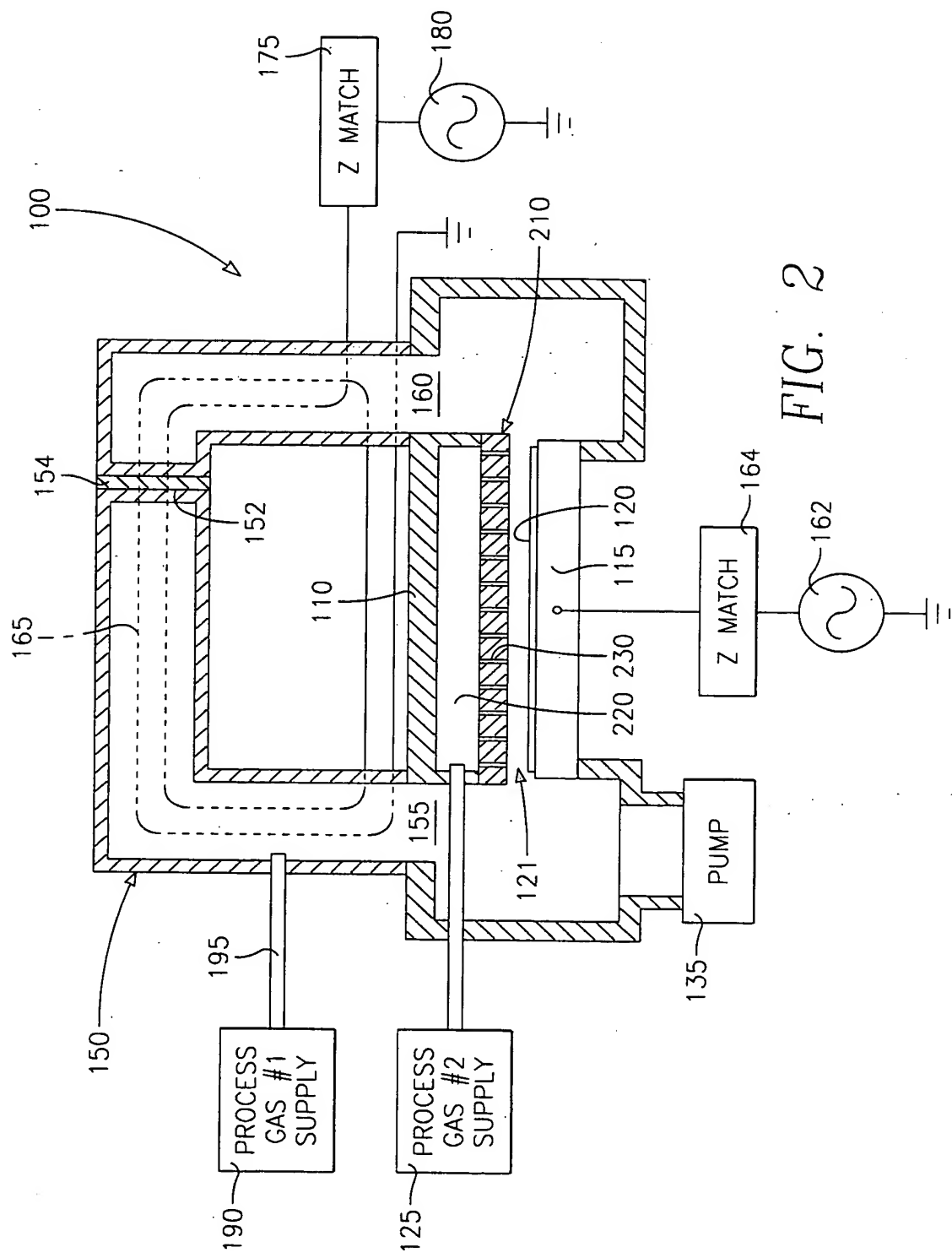


FIG. 2

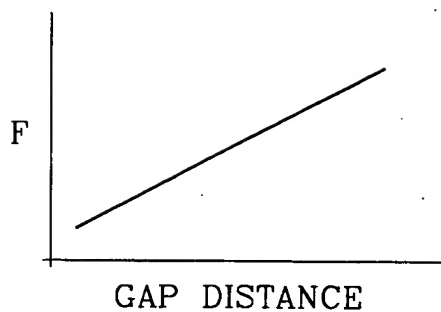


FIG. 3

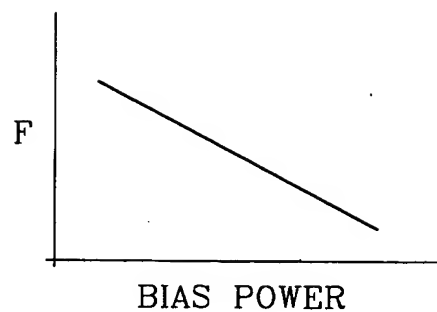


FIG. 4

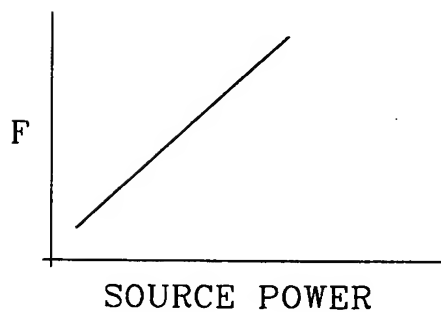


FIG. 5

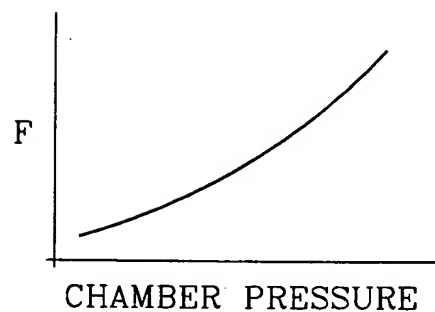


FIG. 6

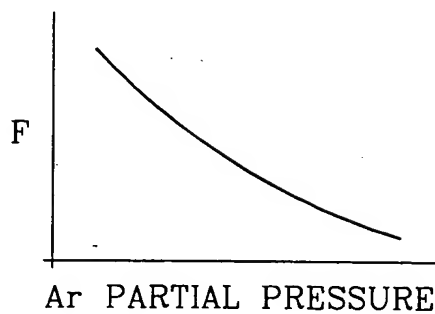


FIG. 7

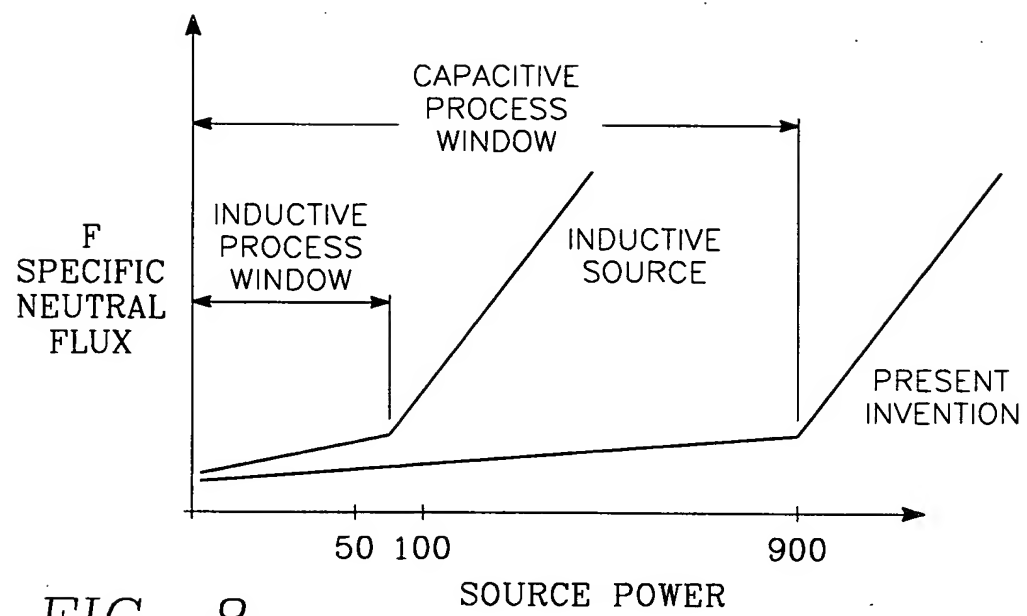


FIG. 8

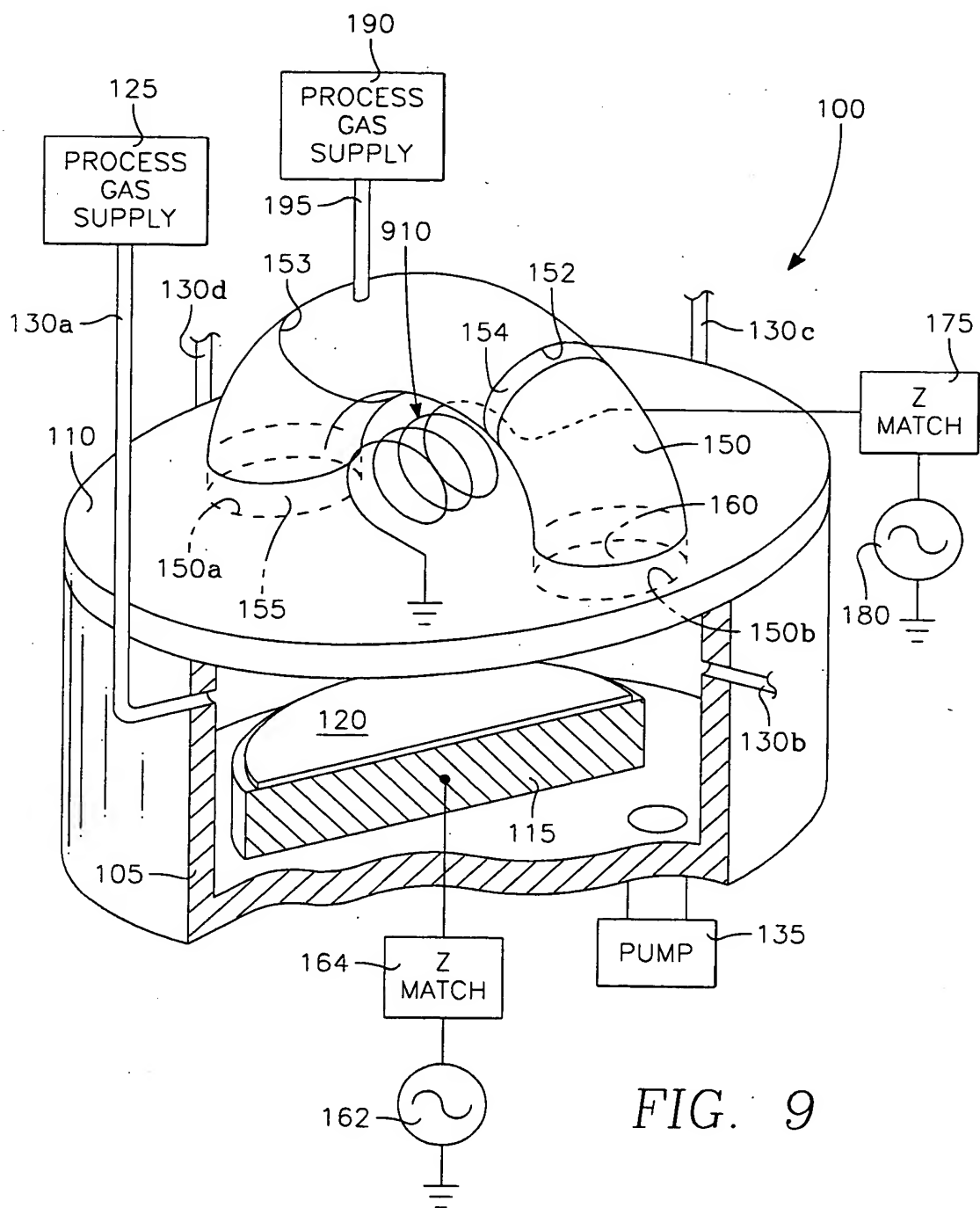


FIG. 9

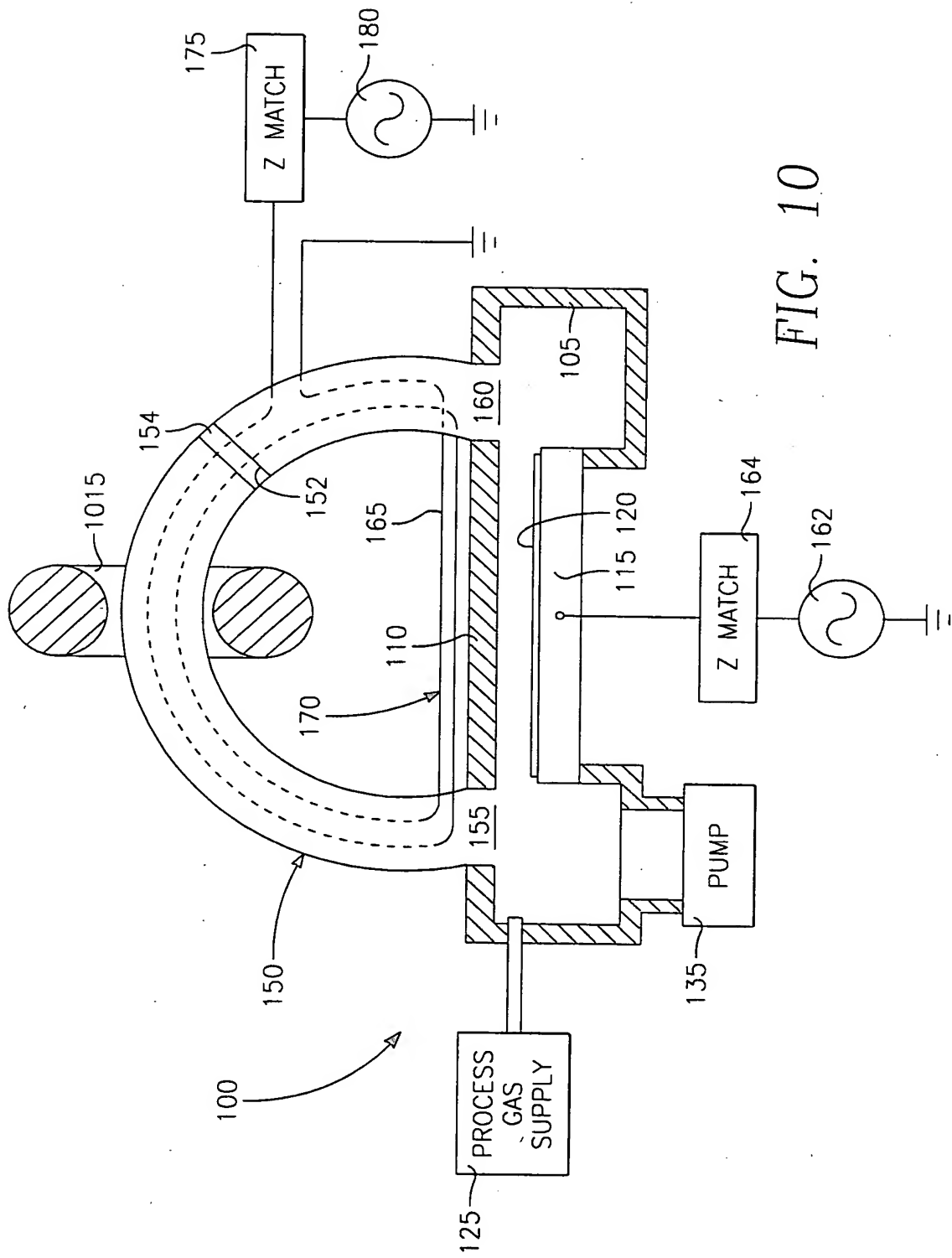


FIG. 10

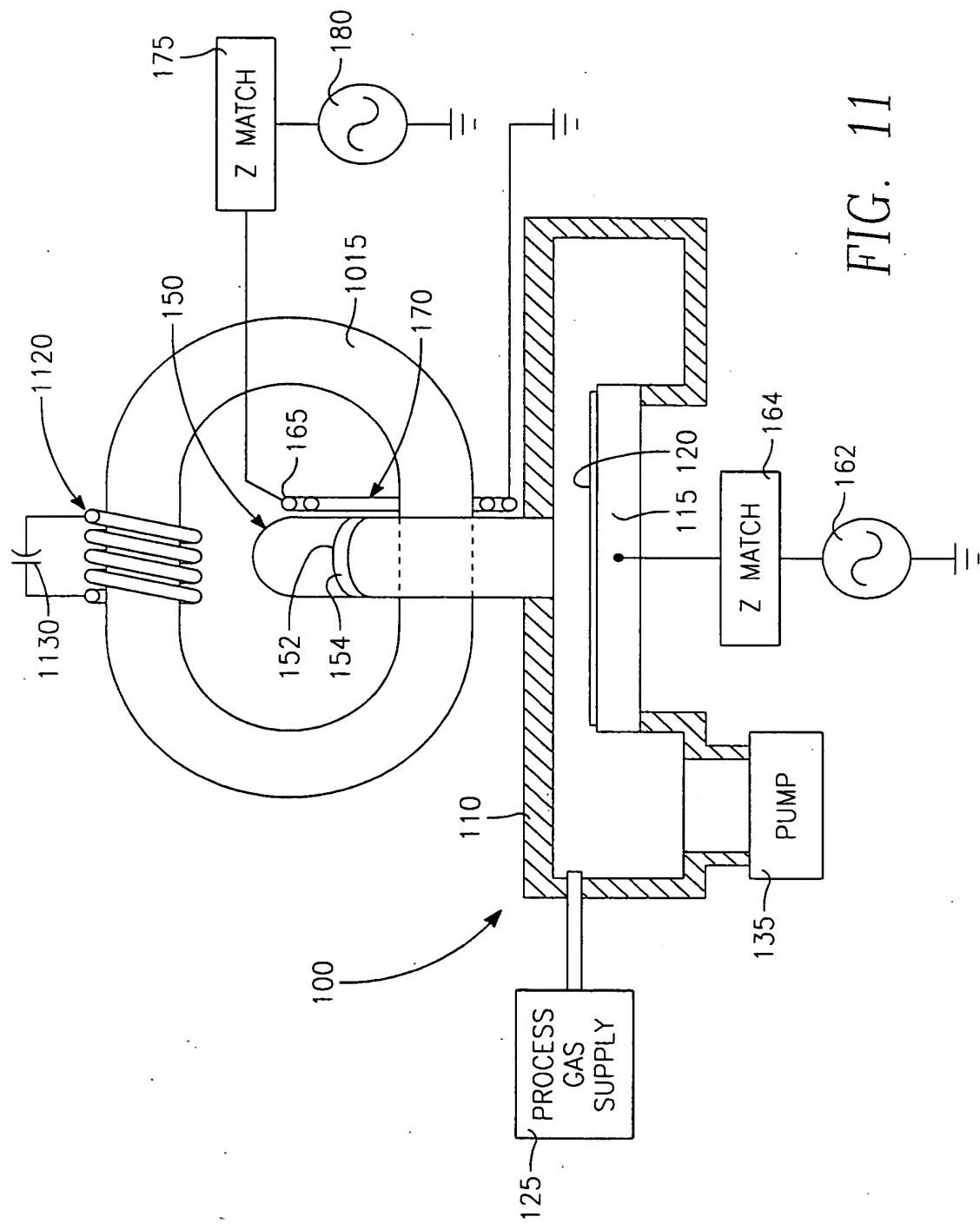


FIG. 11

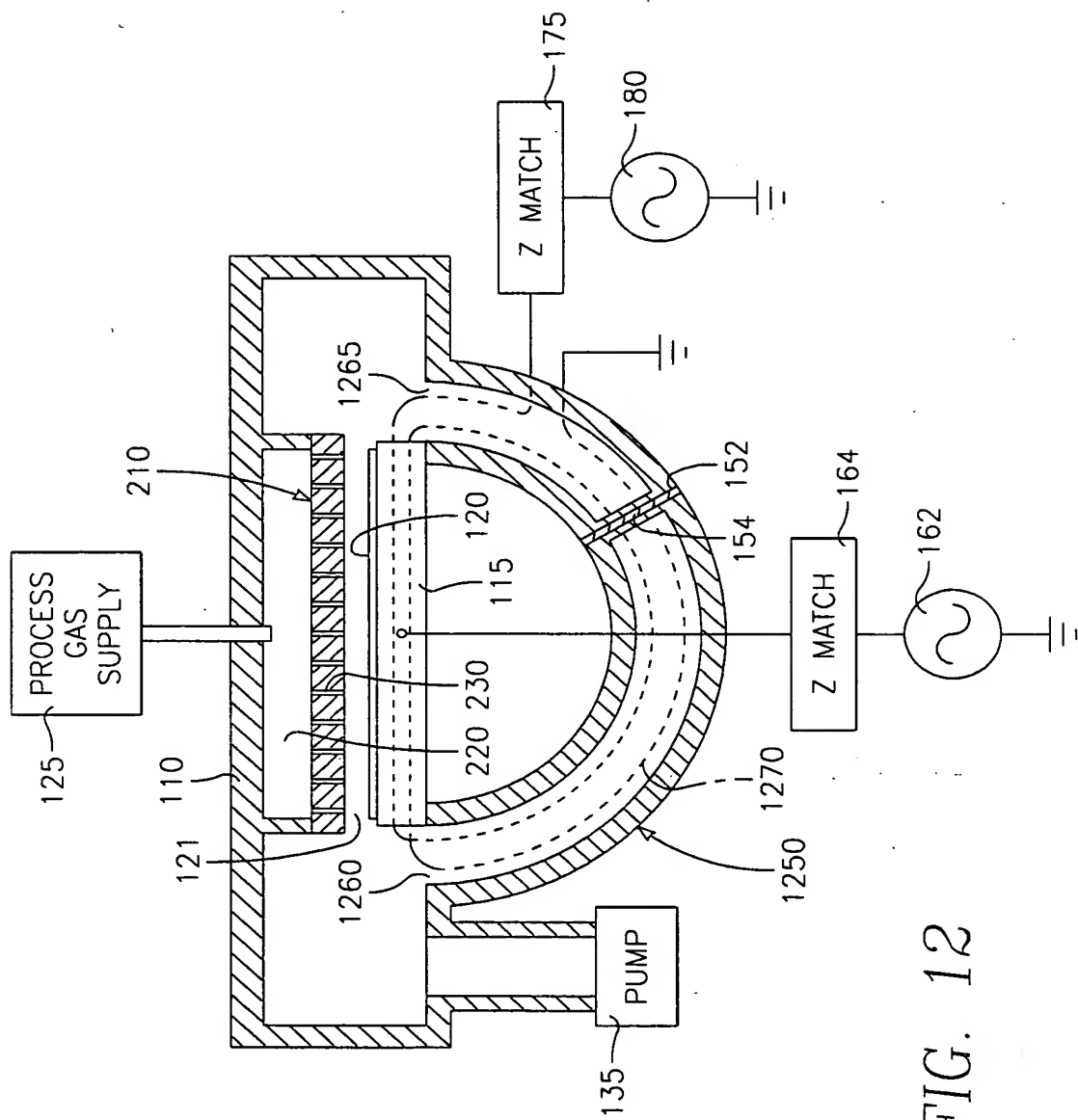


FIG. 12



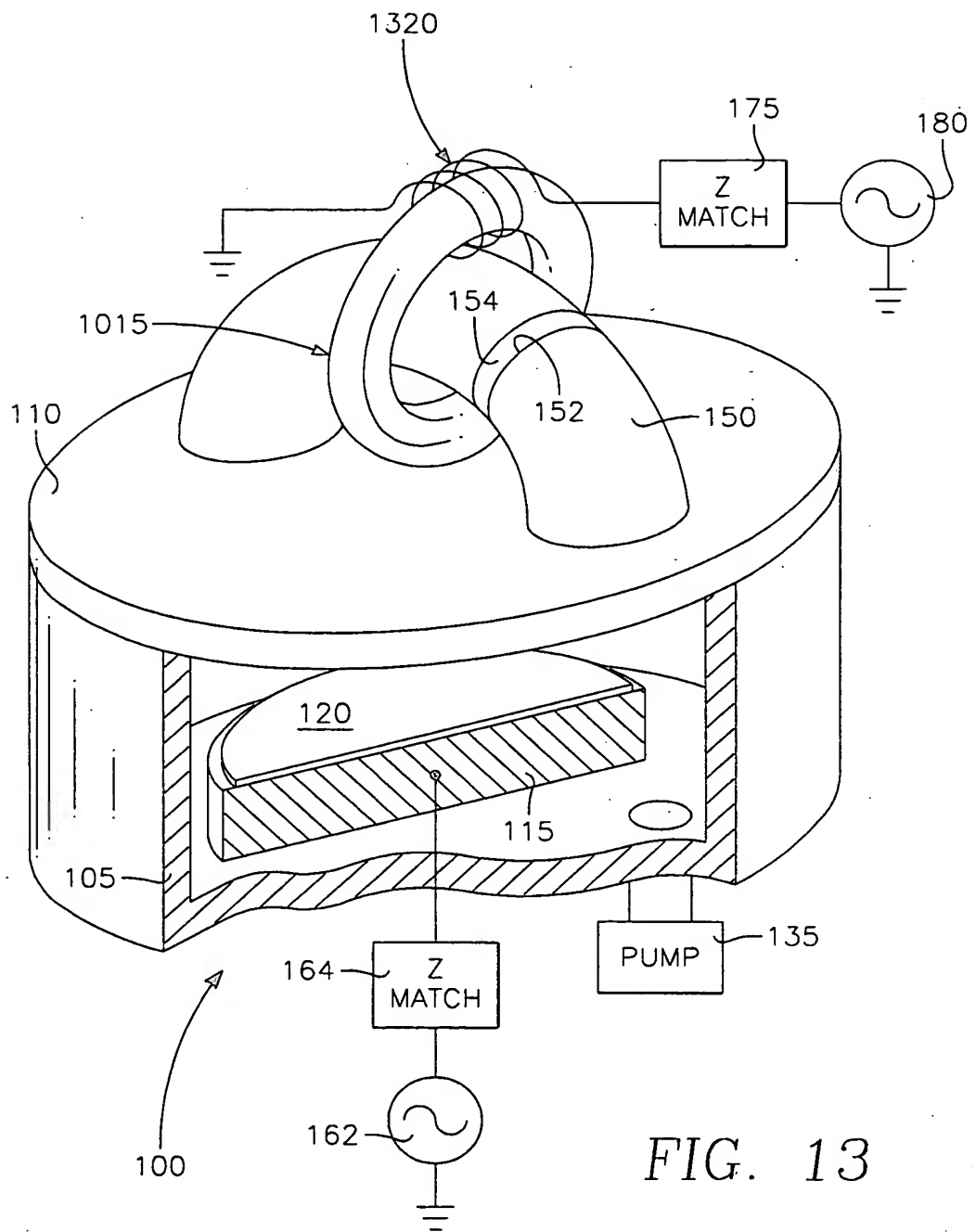


FIG. 13

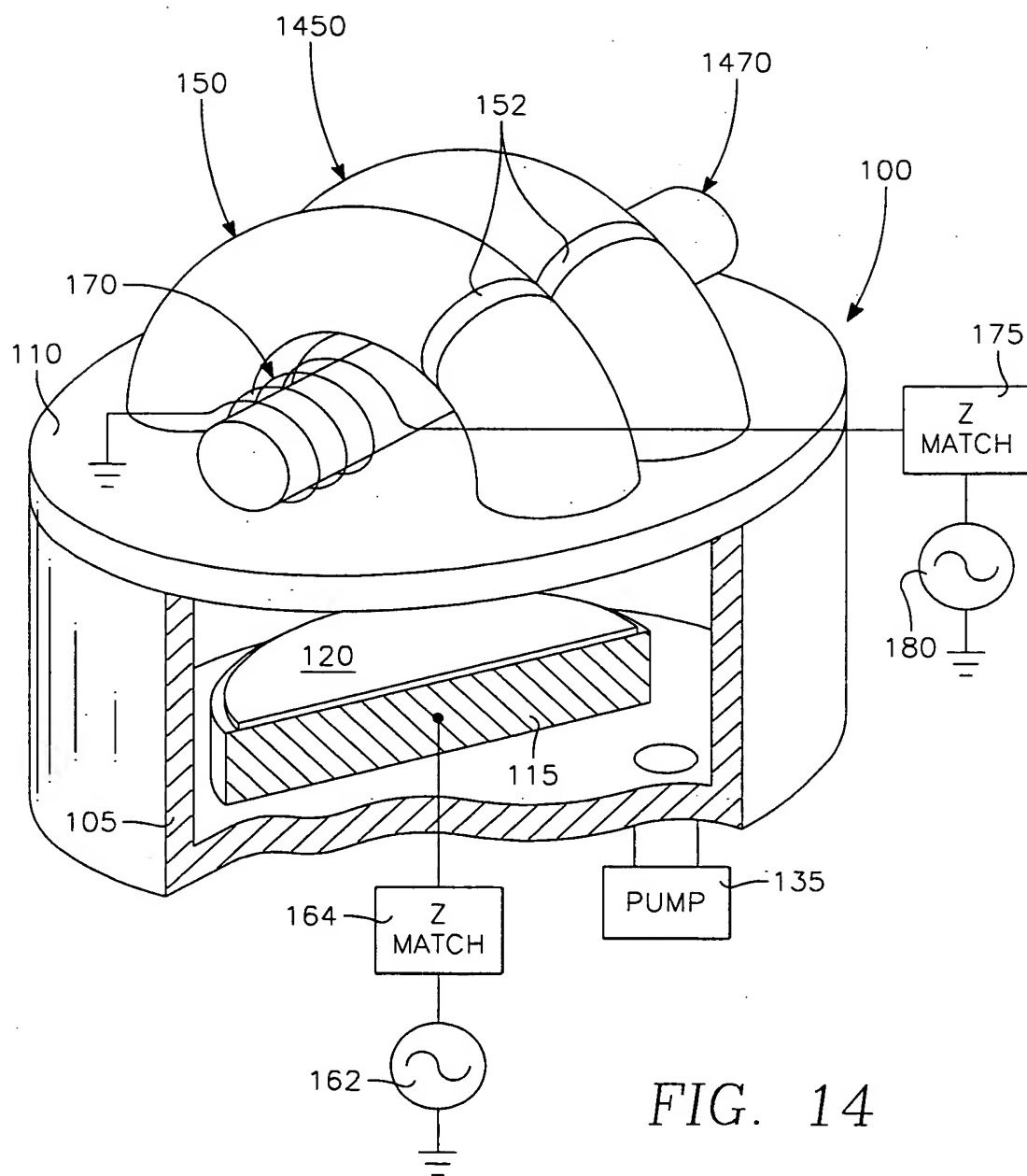


FIG. 14

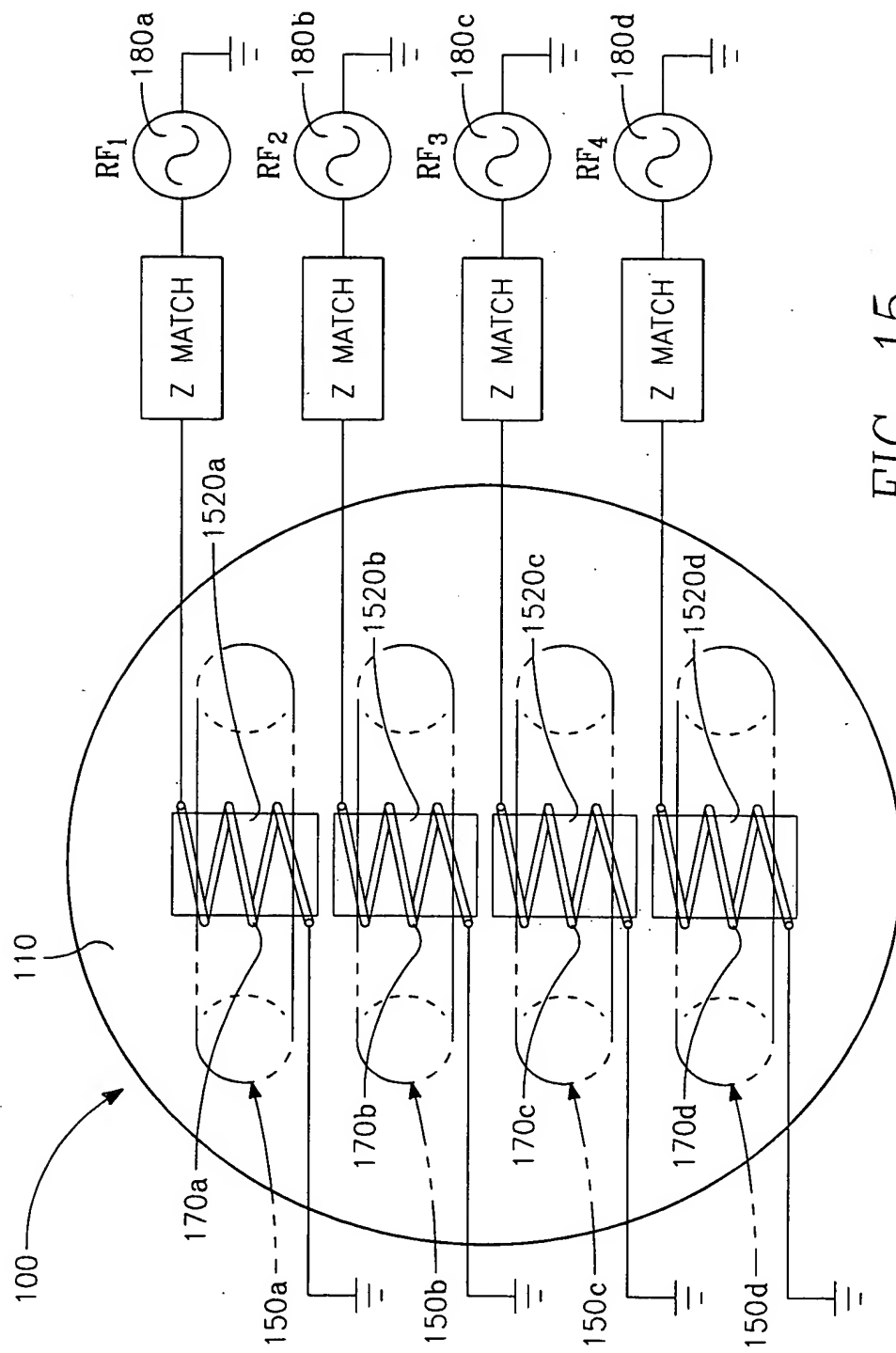


FIG. 15

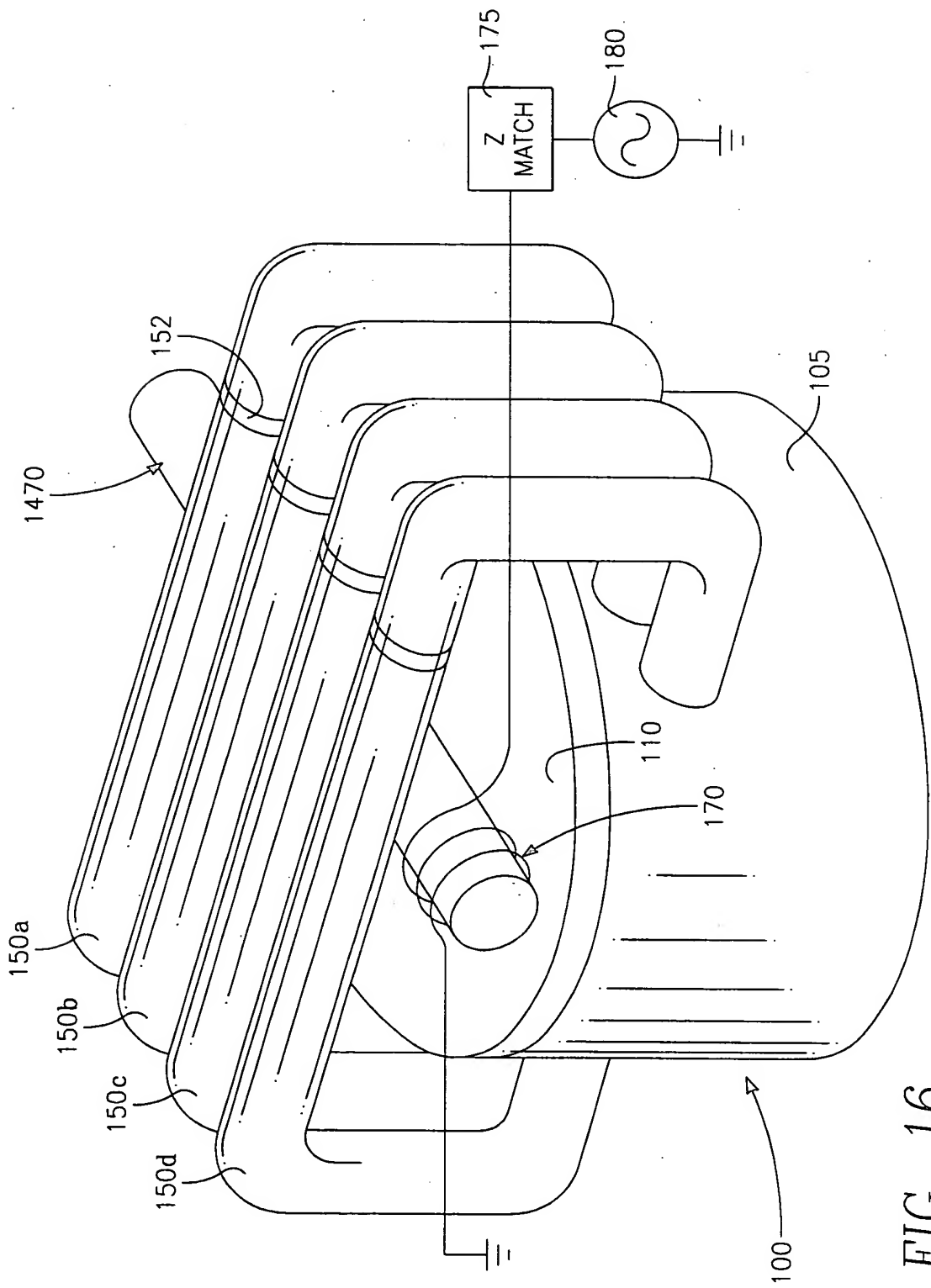


FIG. 16

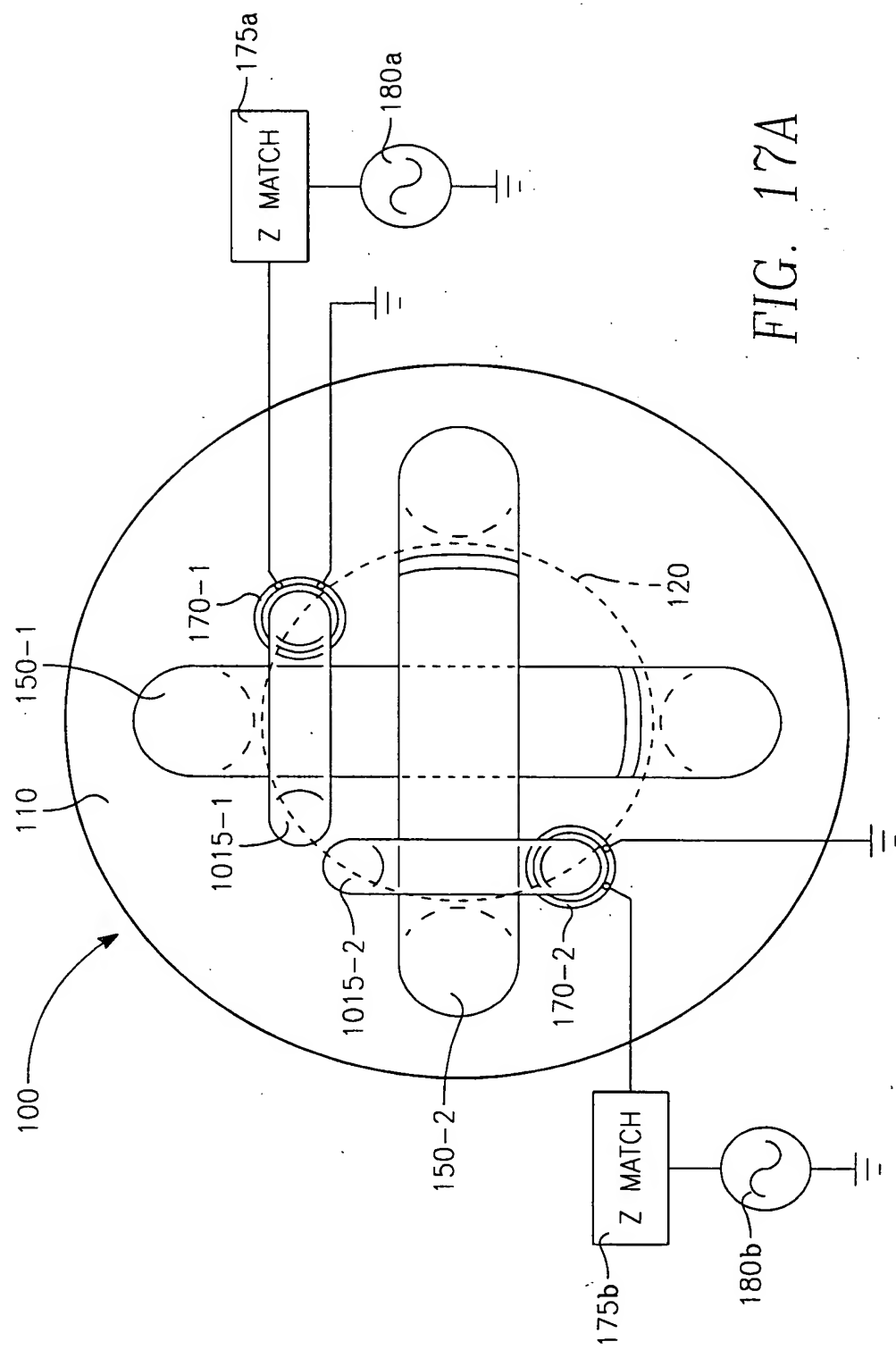


FIG. 17A

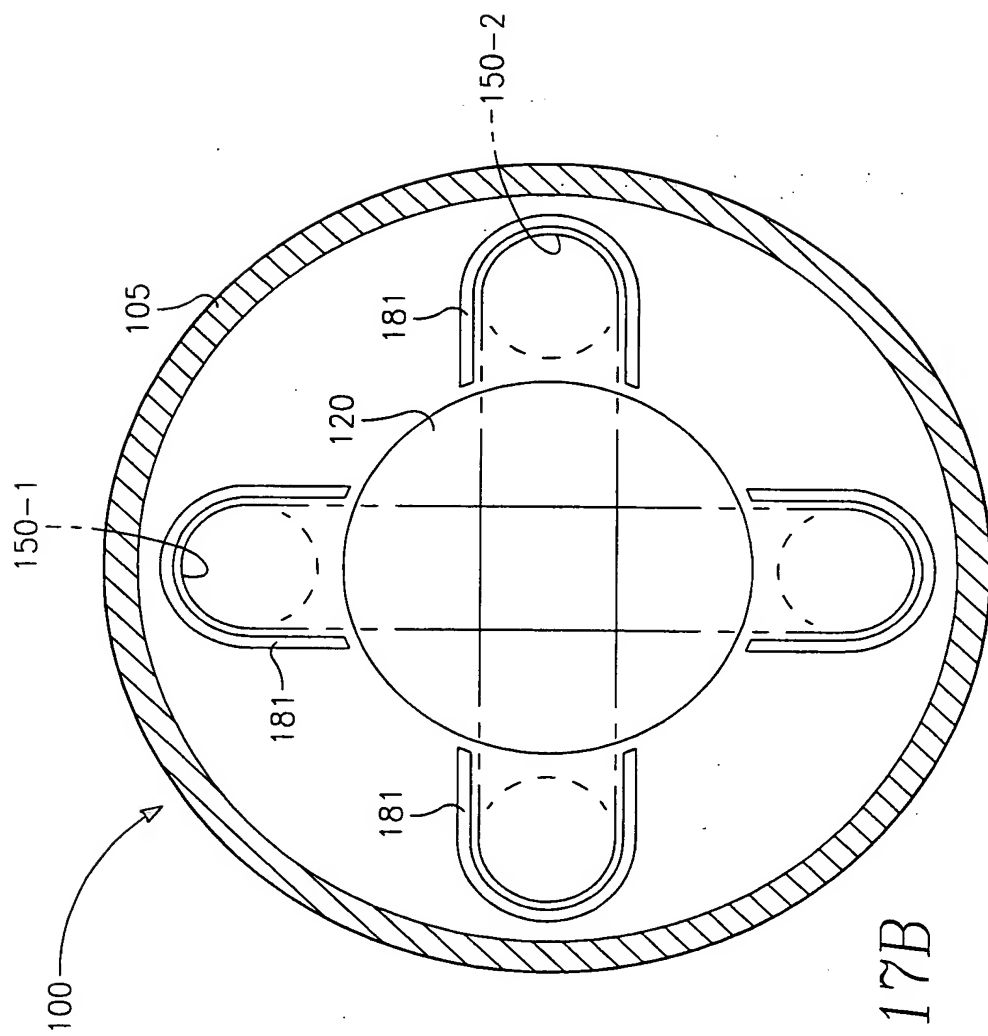
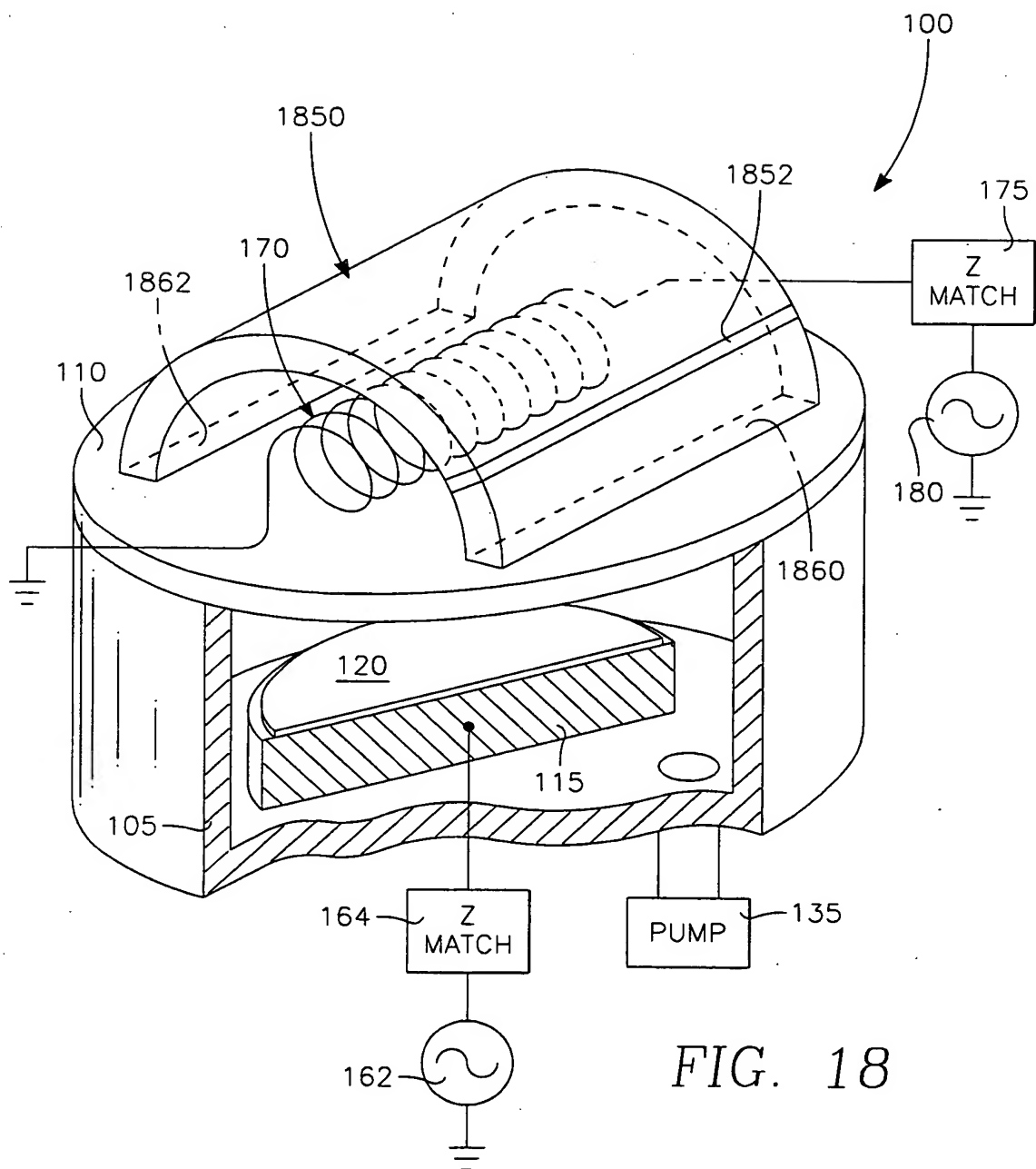
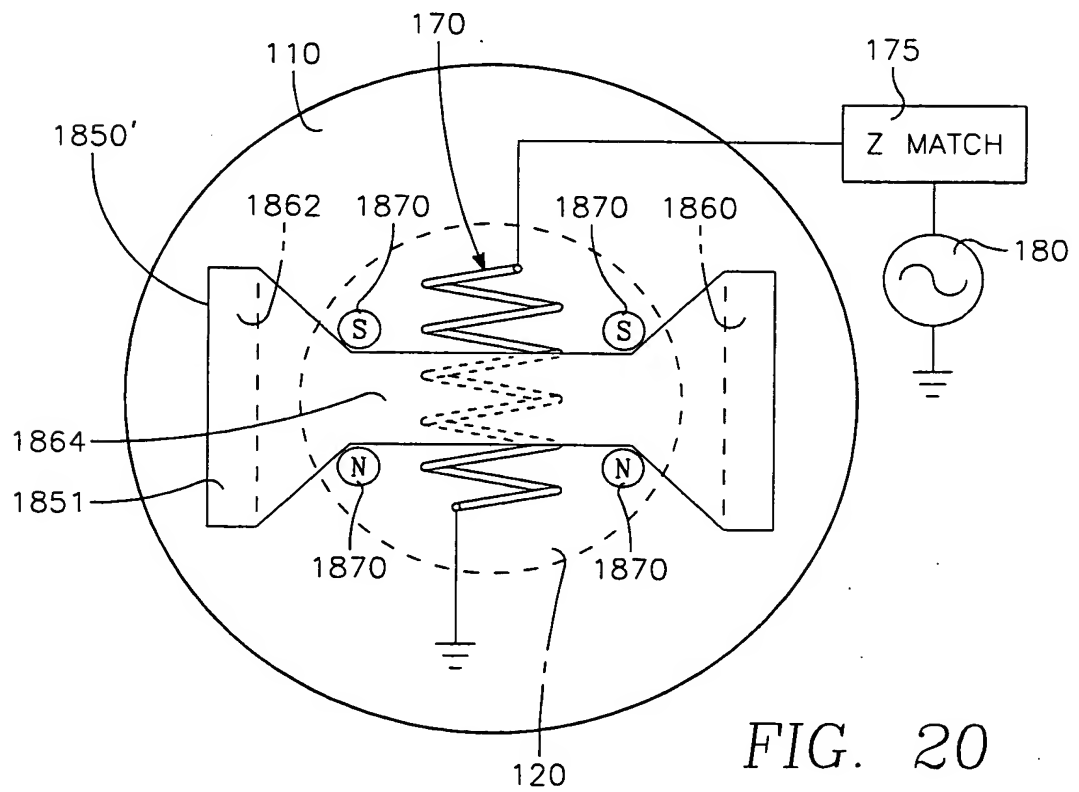
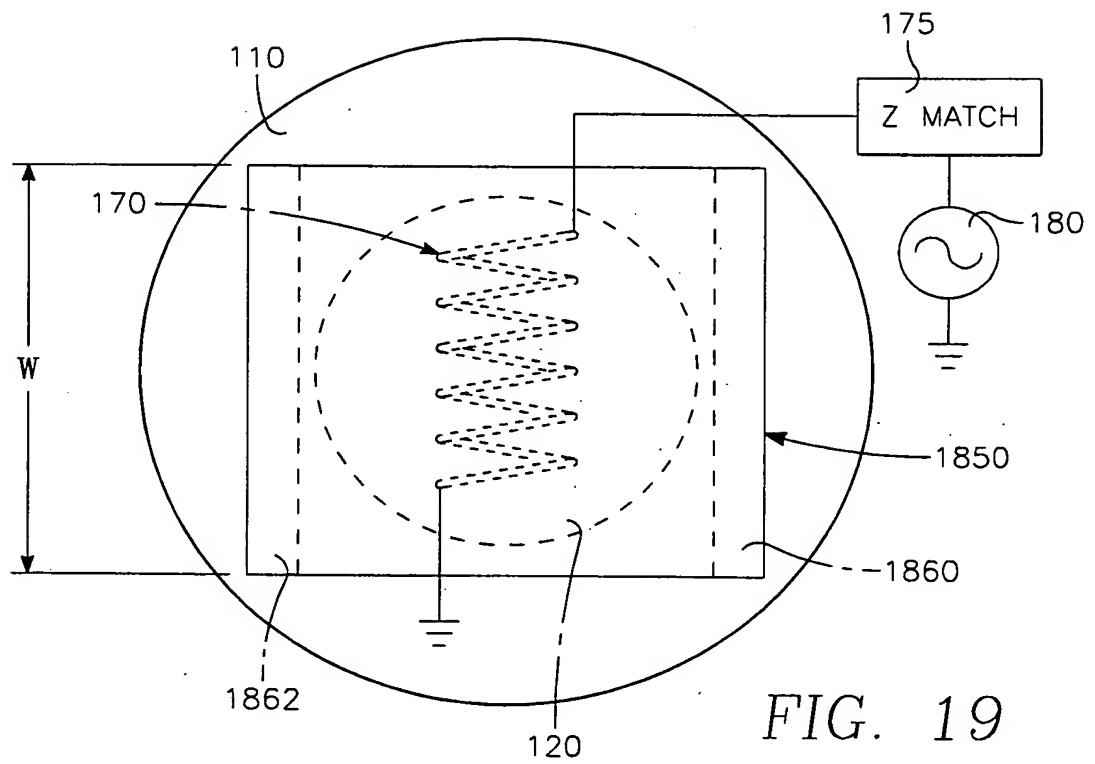
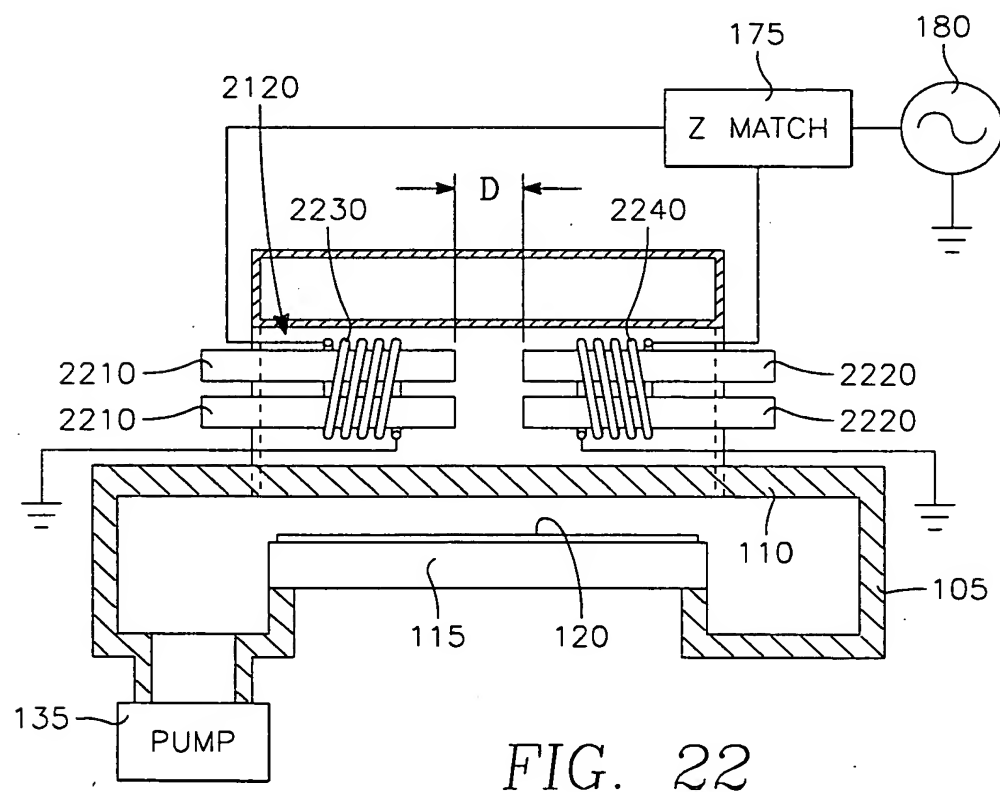
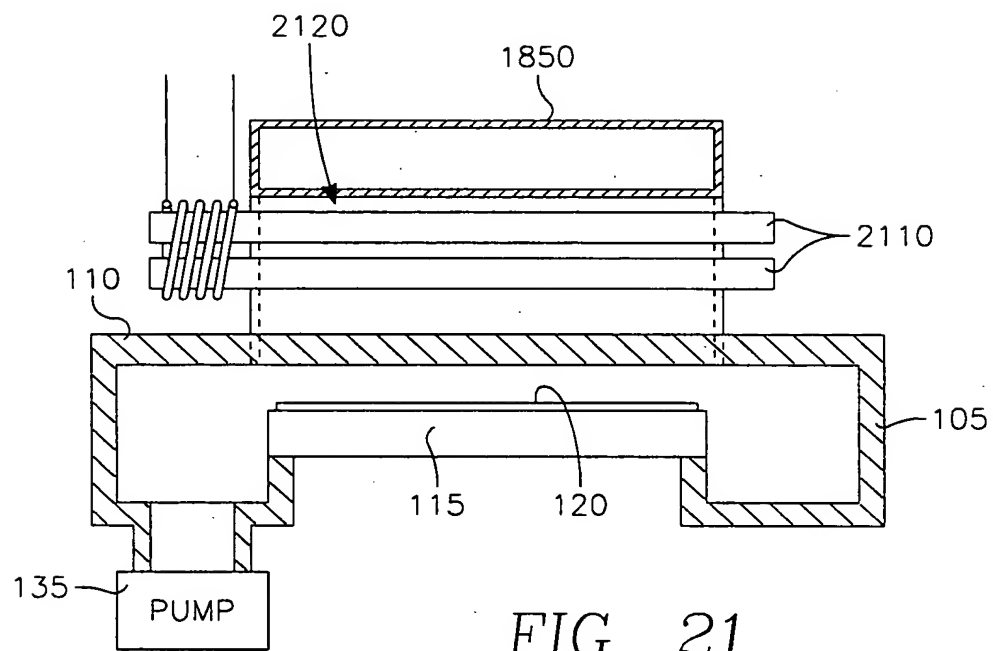


FIG. 17B









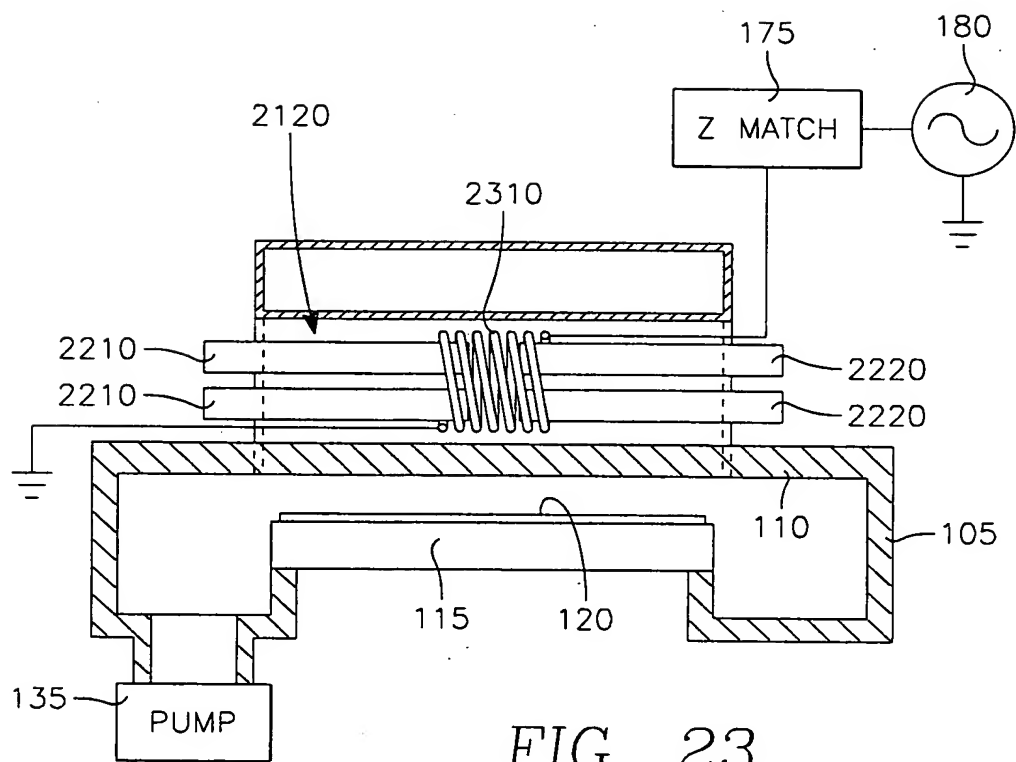


FIG. 23

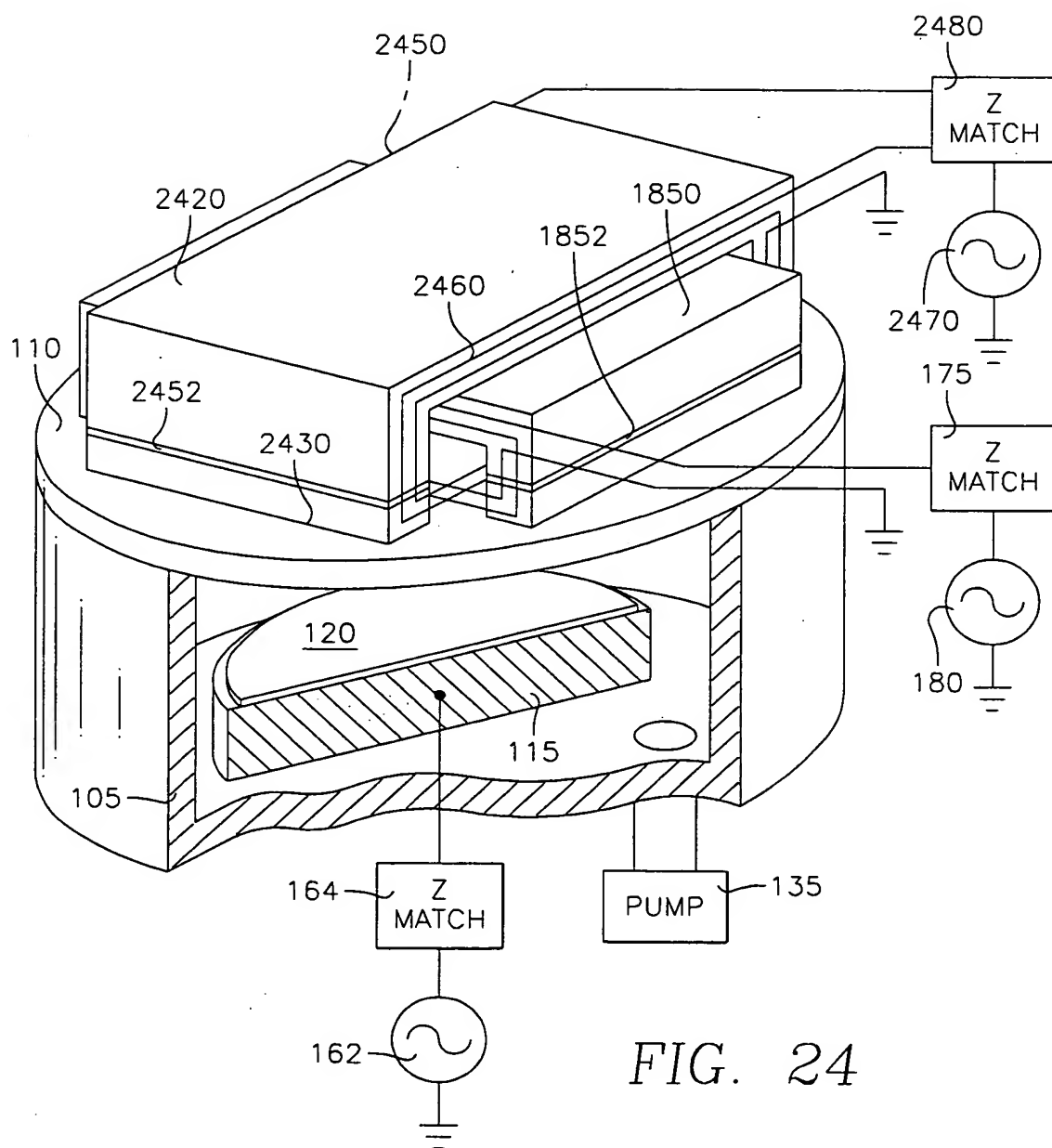


FIG. 24

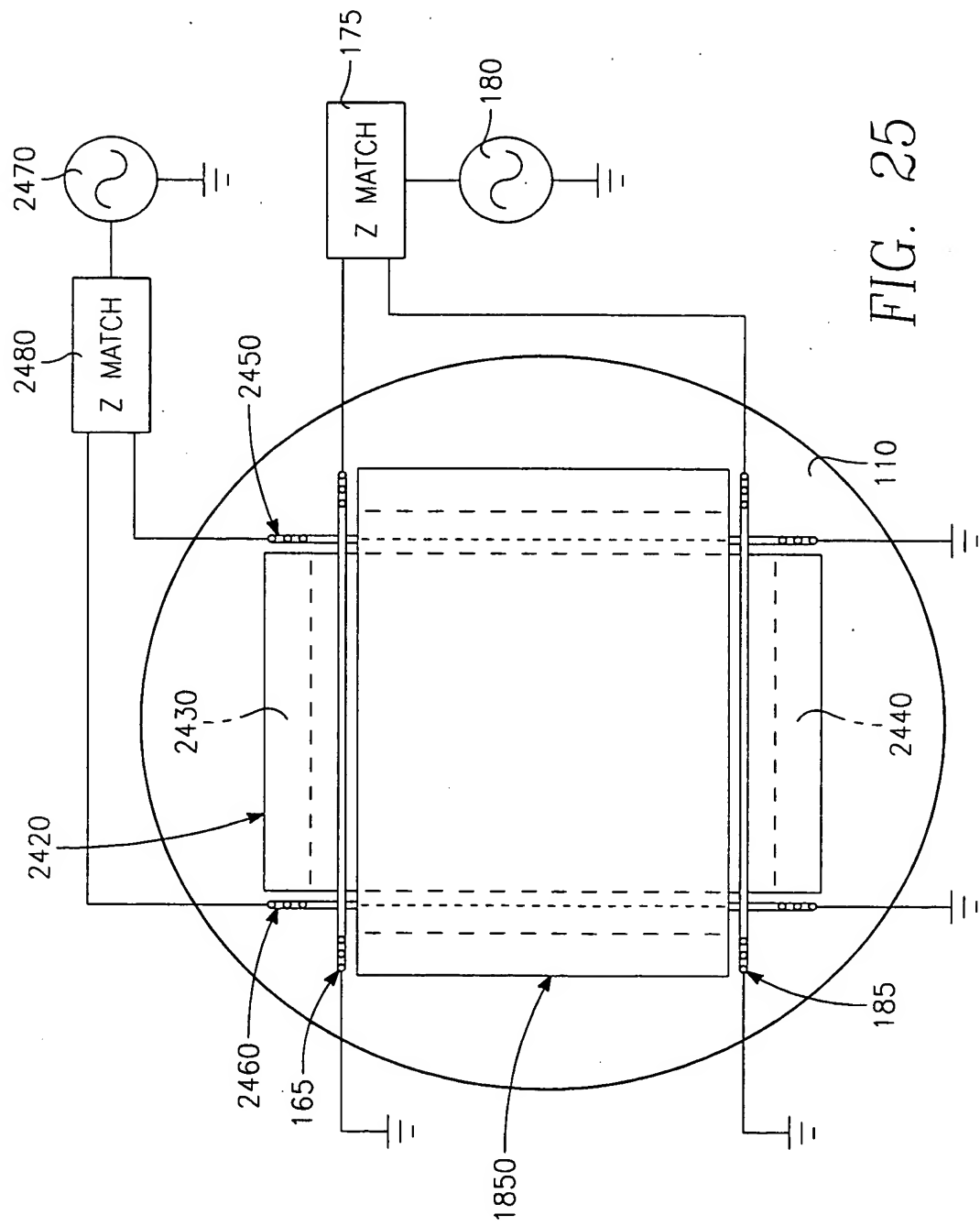


FIG. 25

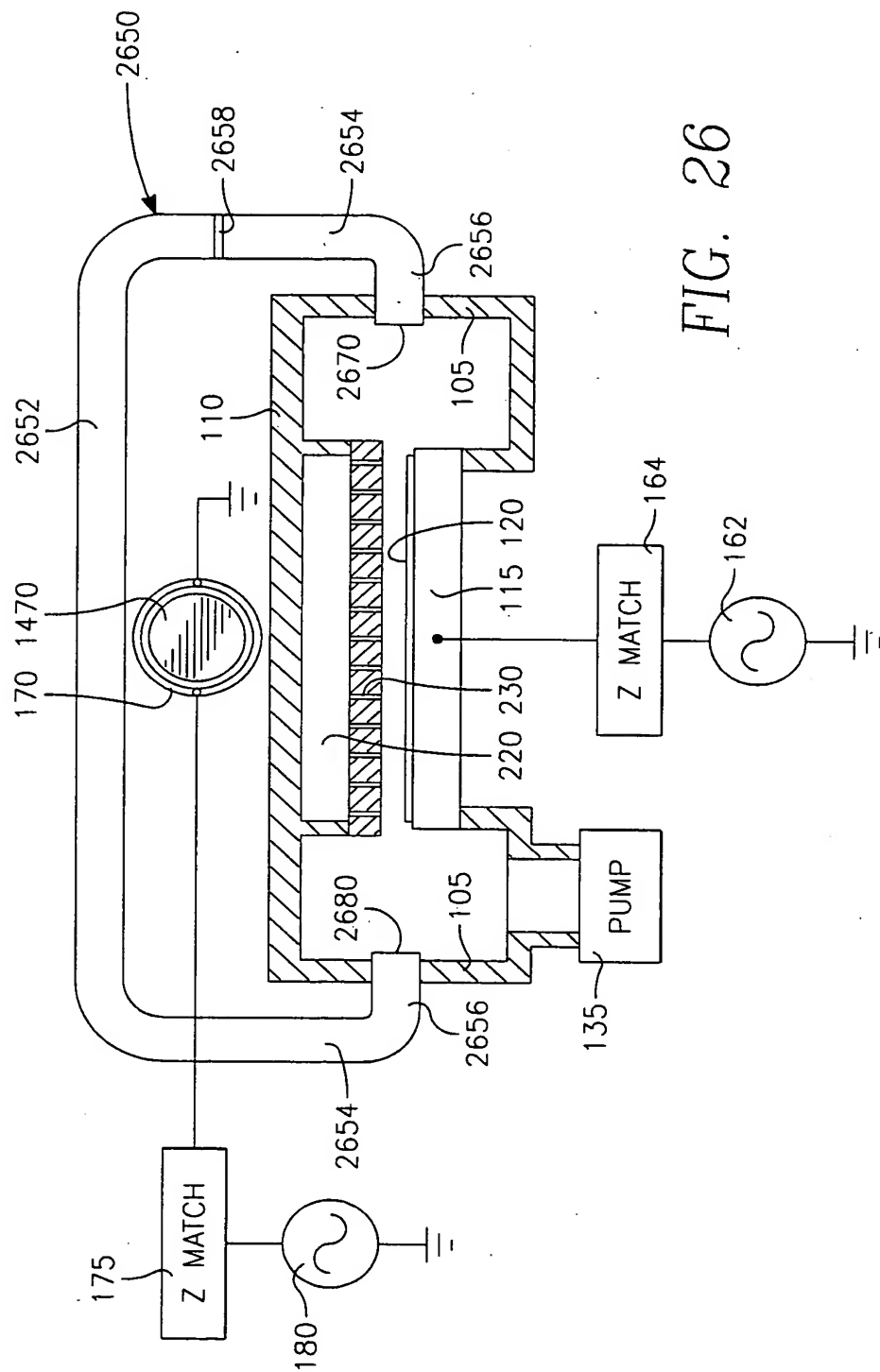
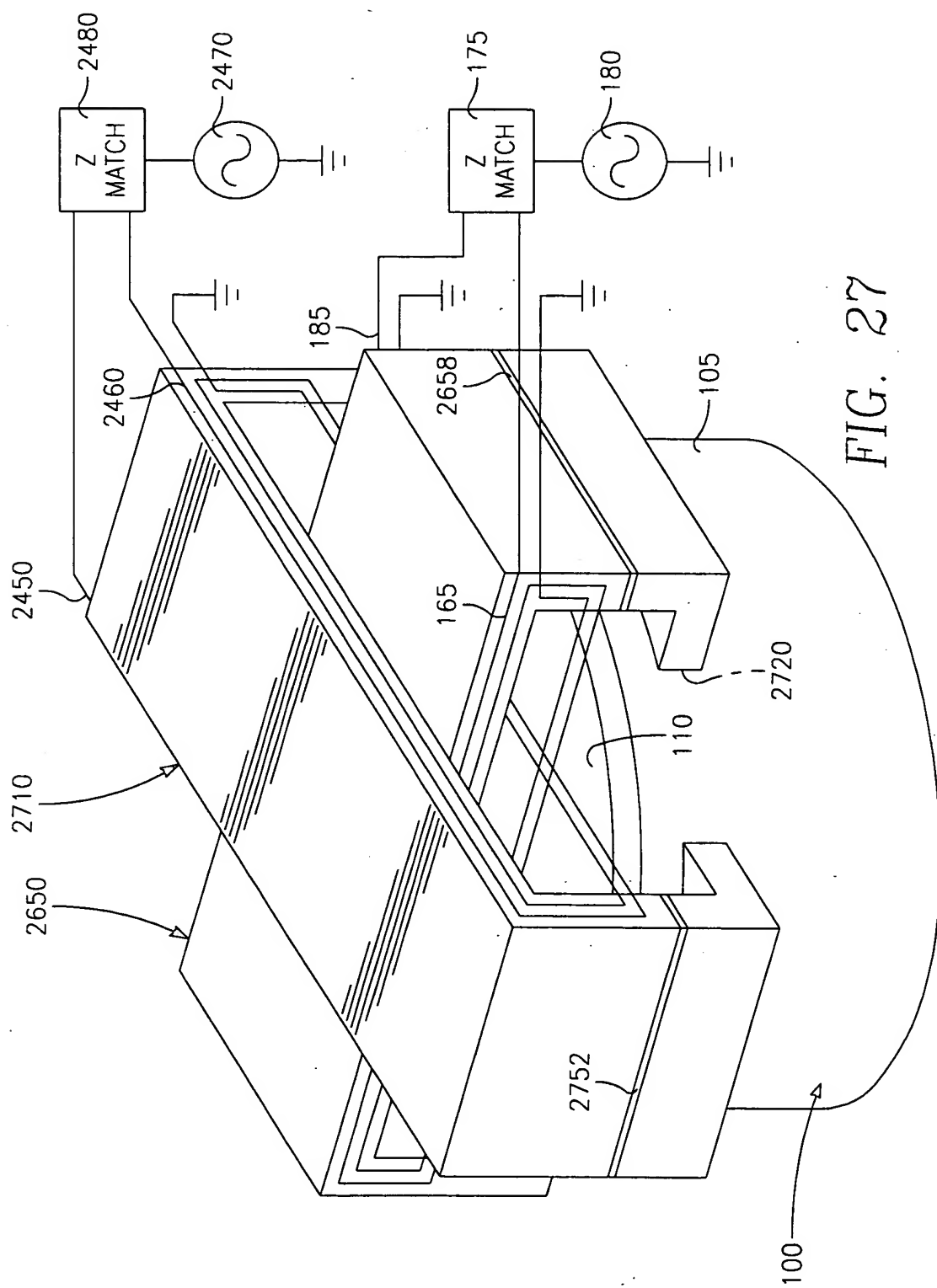
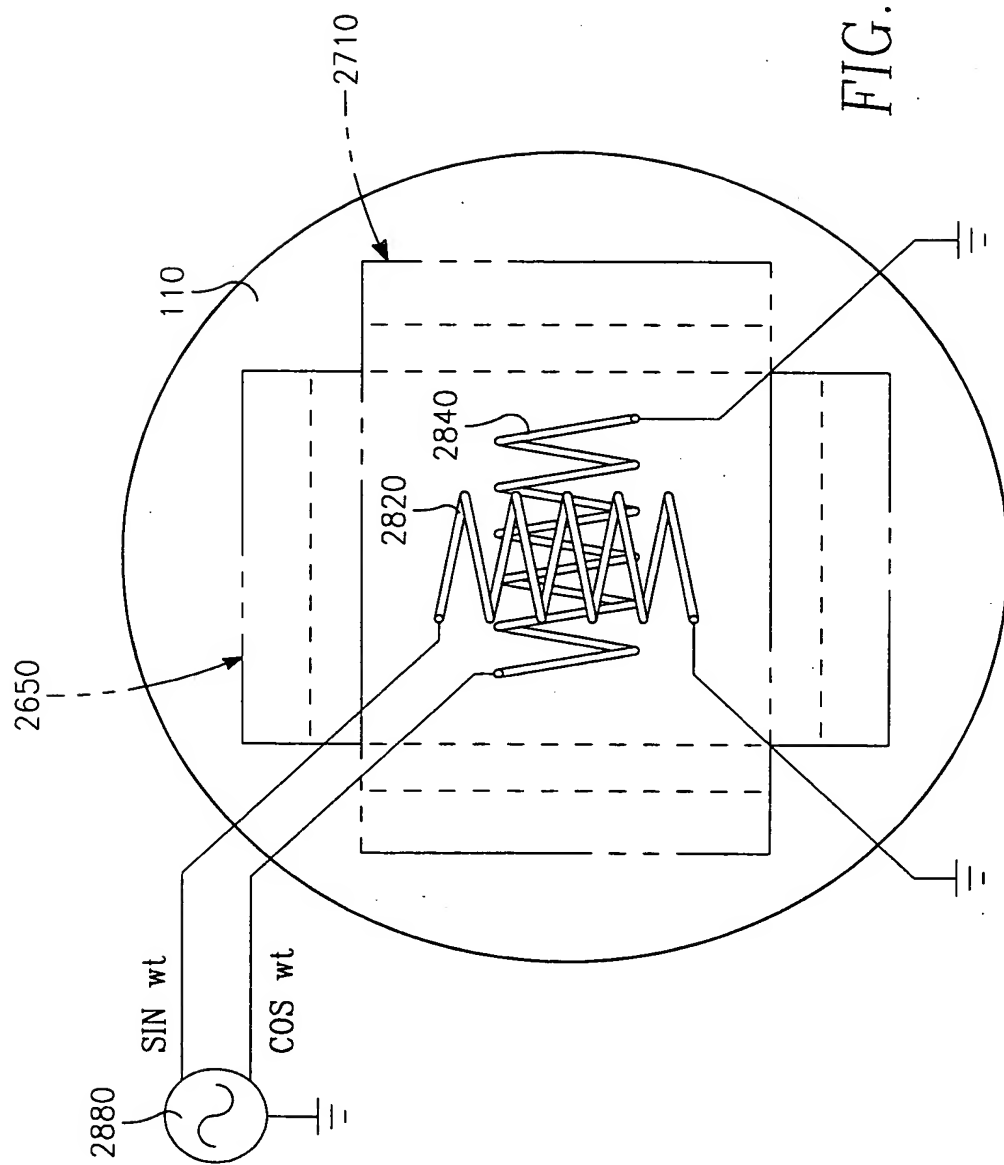
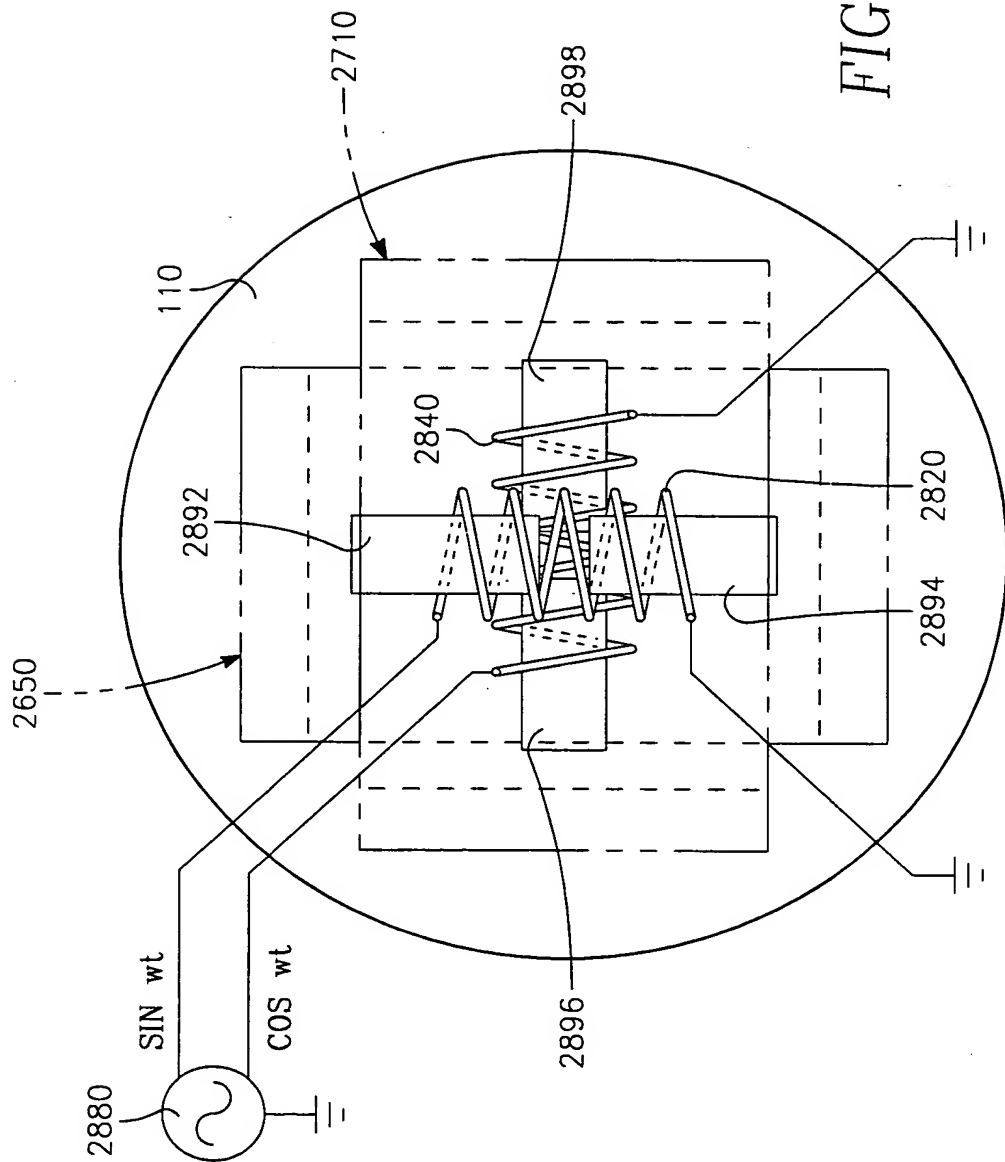


FIG. 26









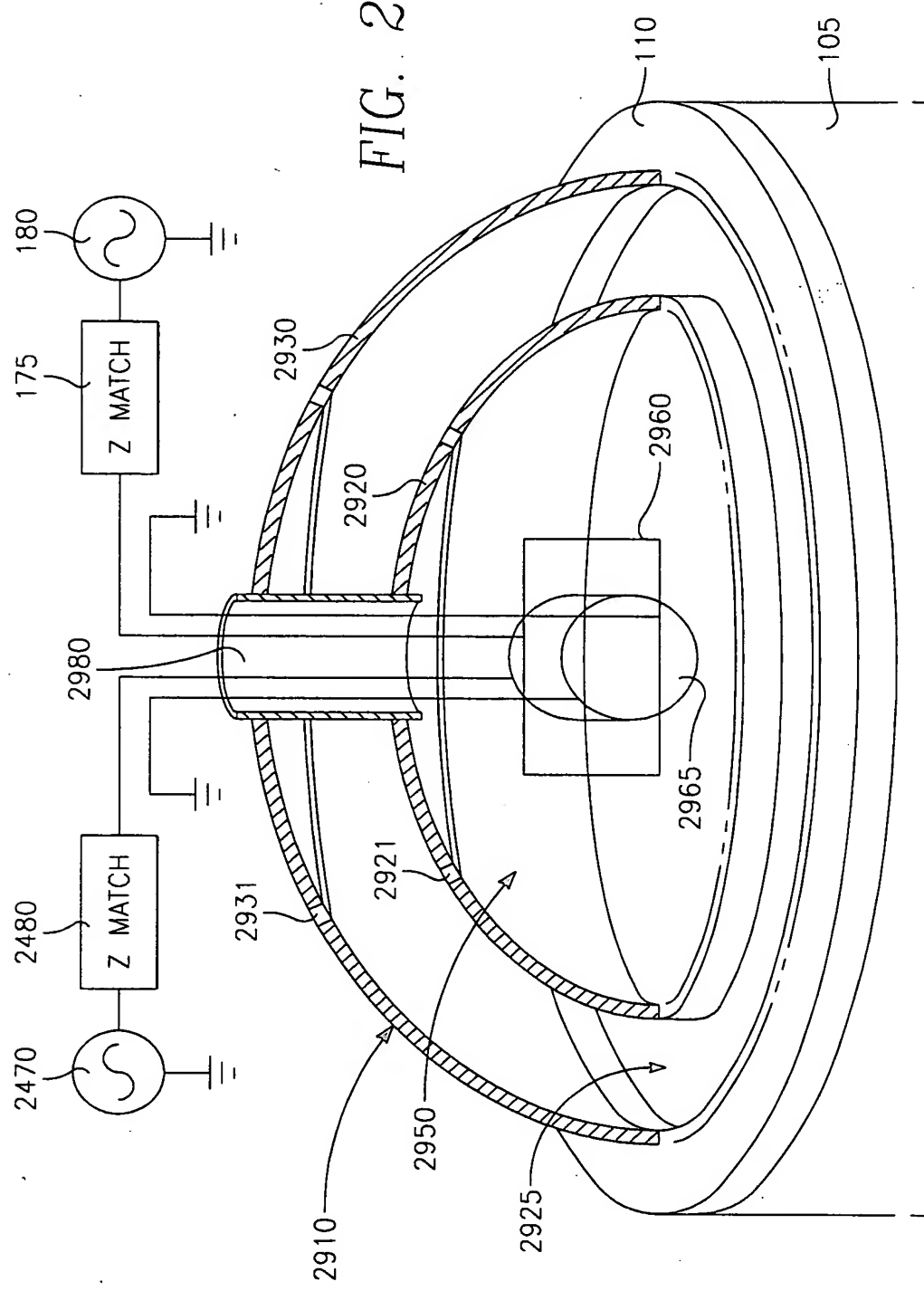


FIG. 29

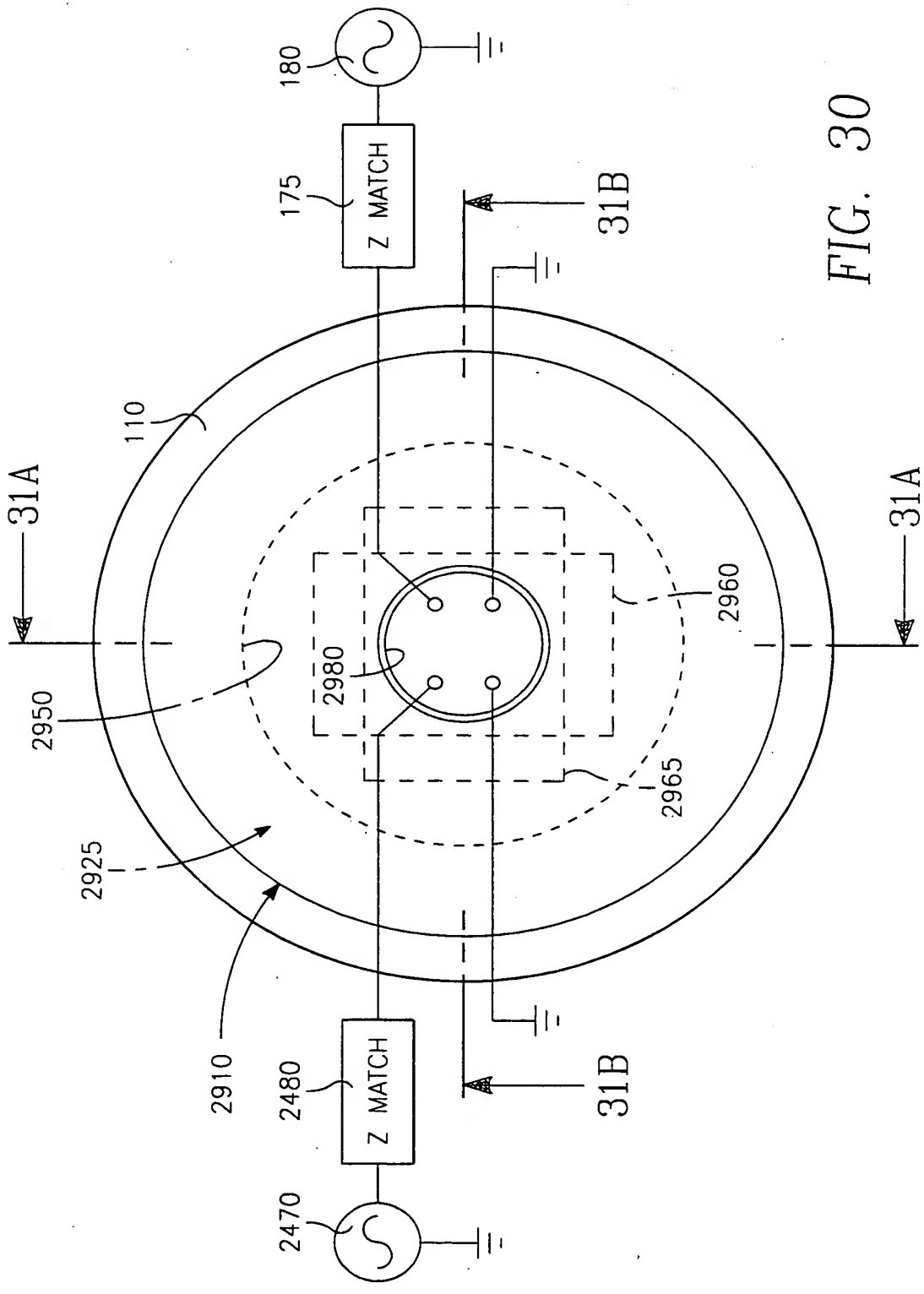
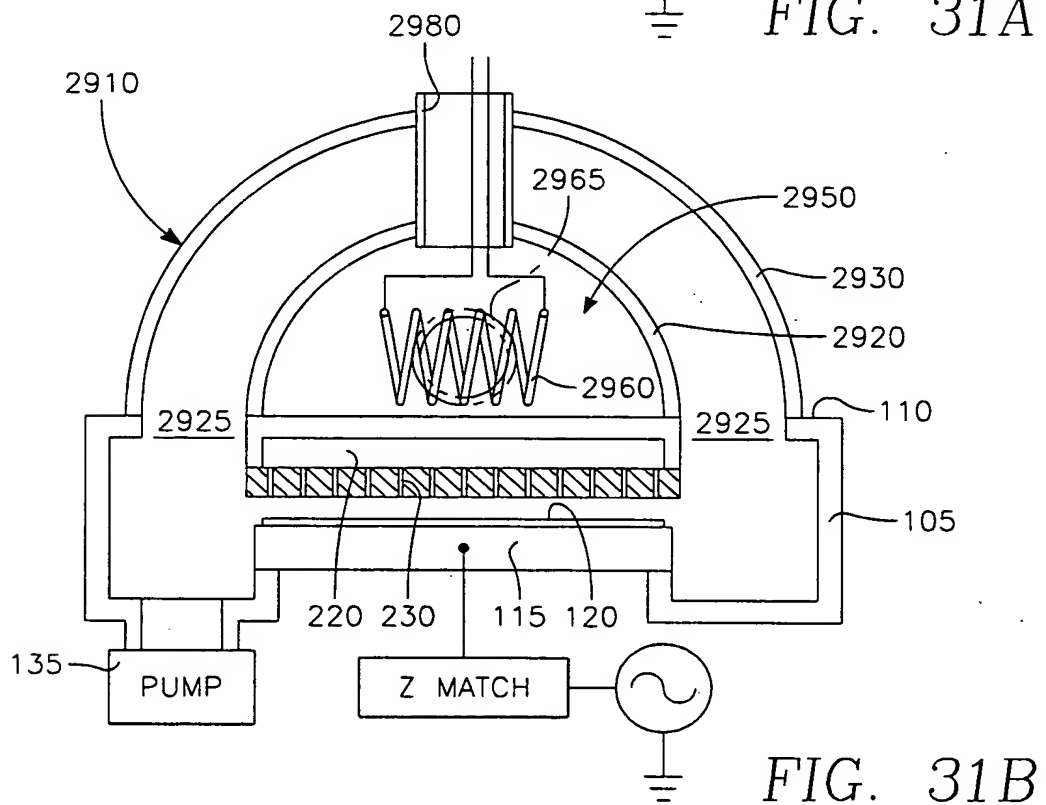
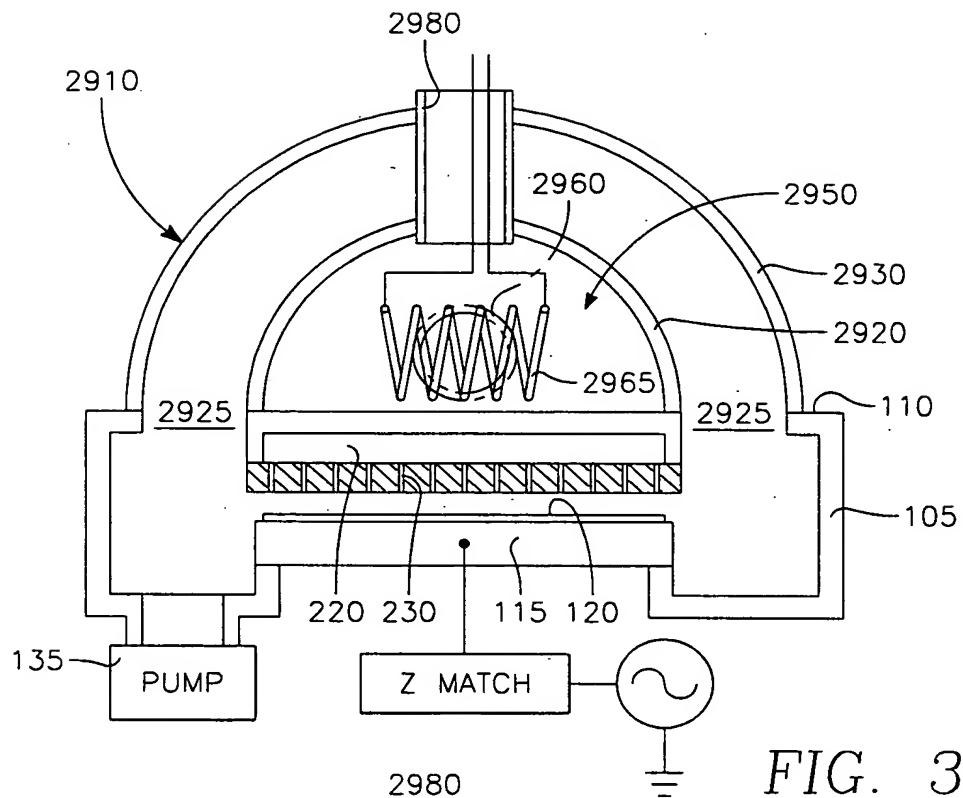


FIG. 30



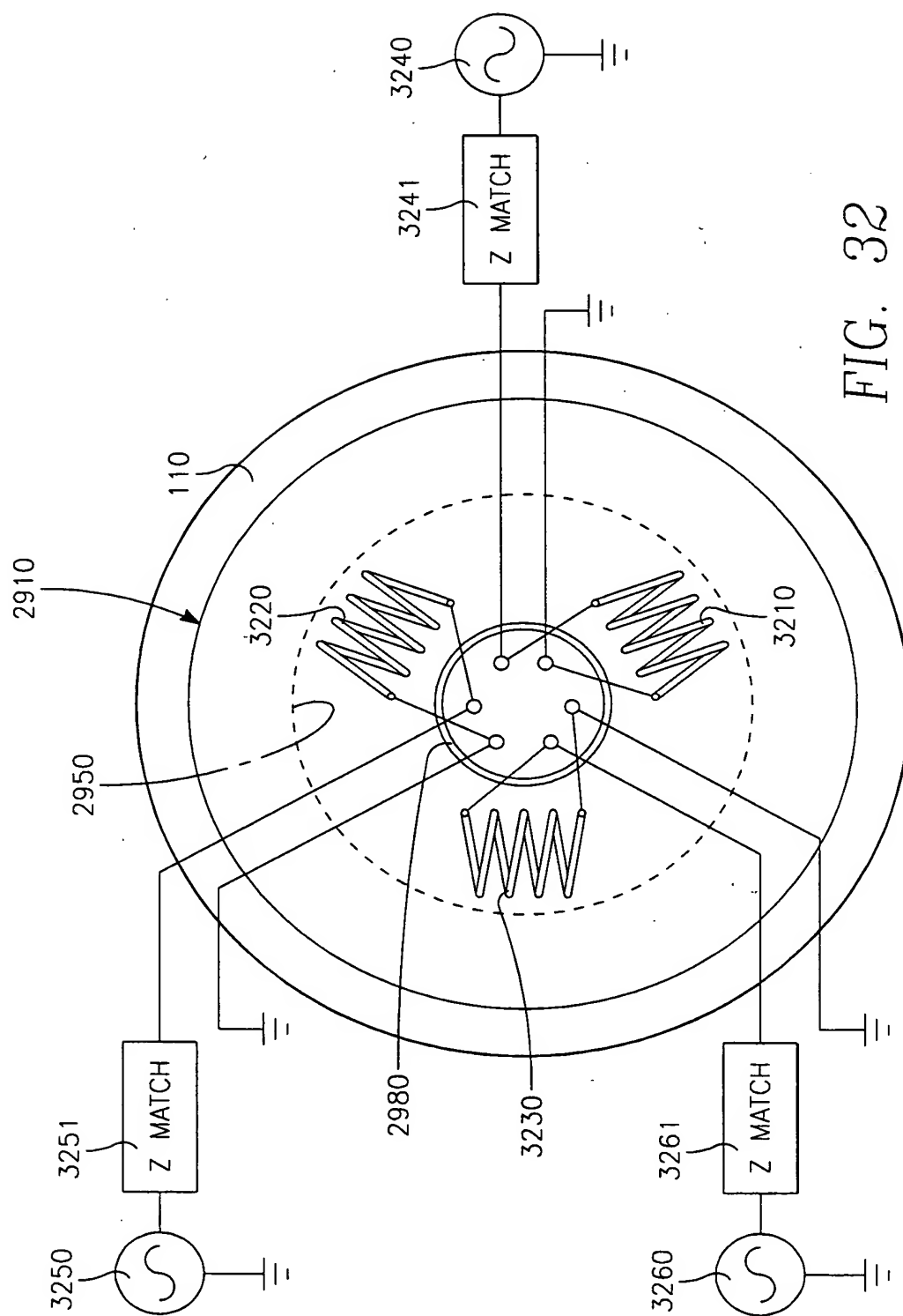


FIG. 32

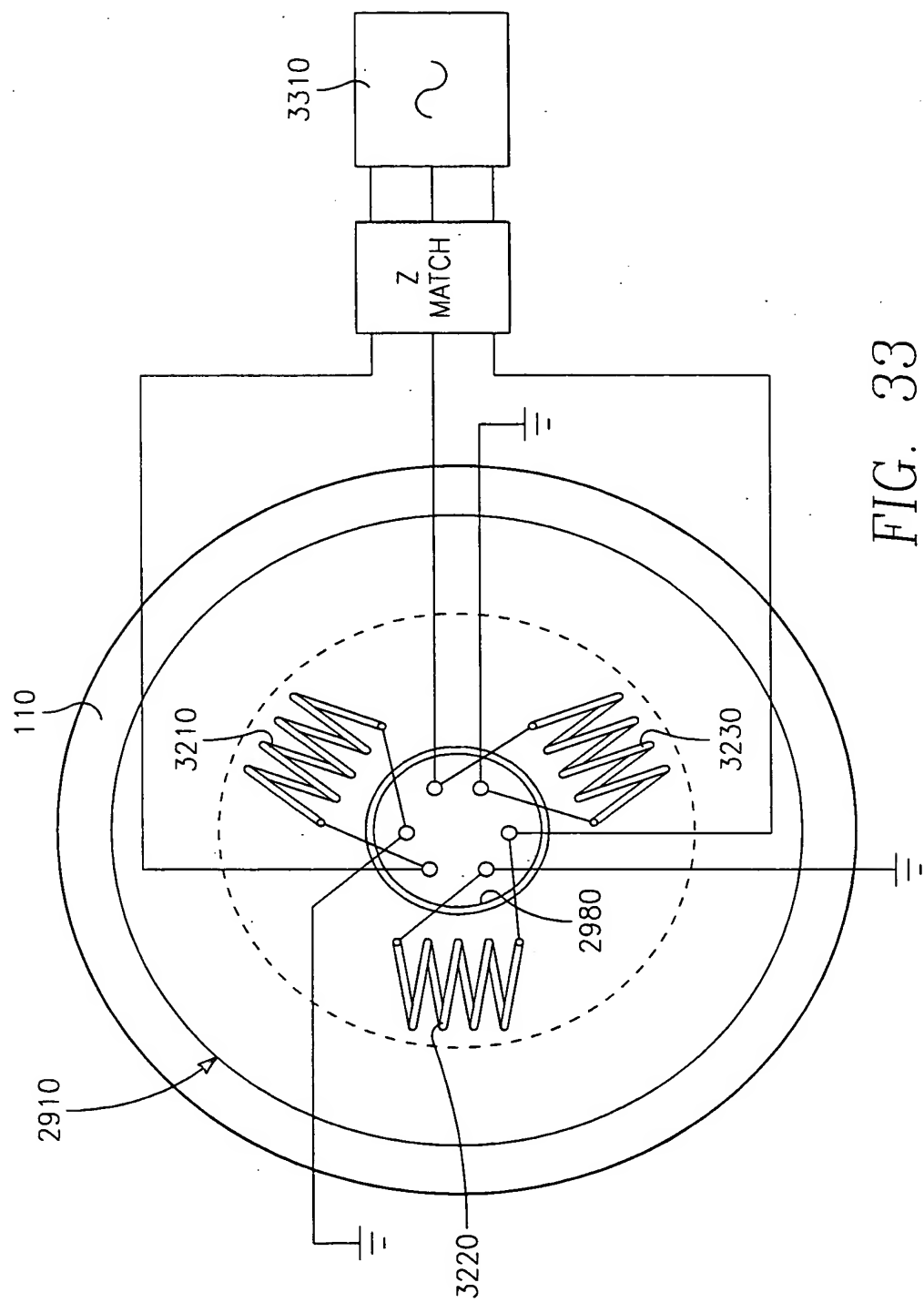


FIG. 33

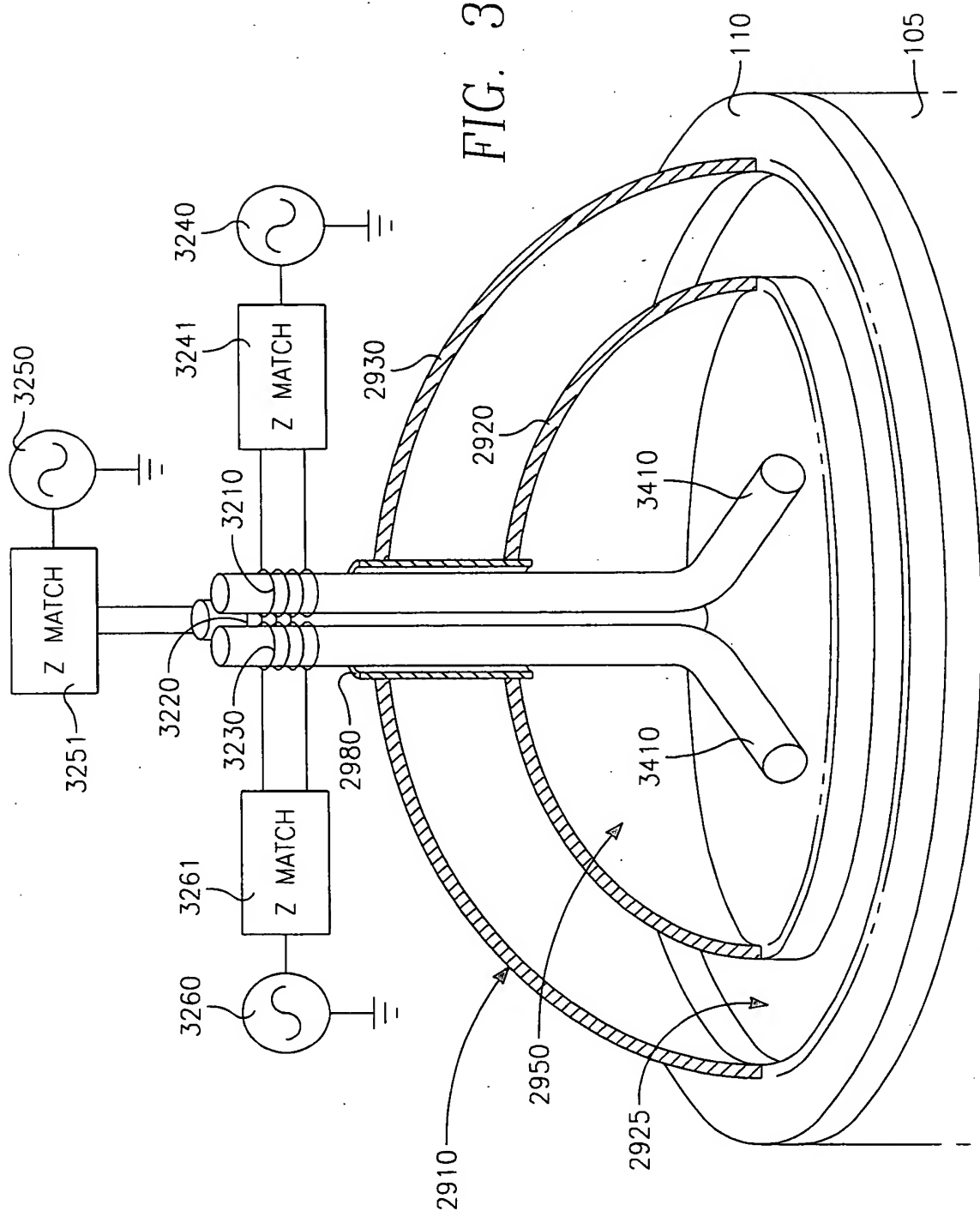


FIG. 34

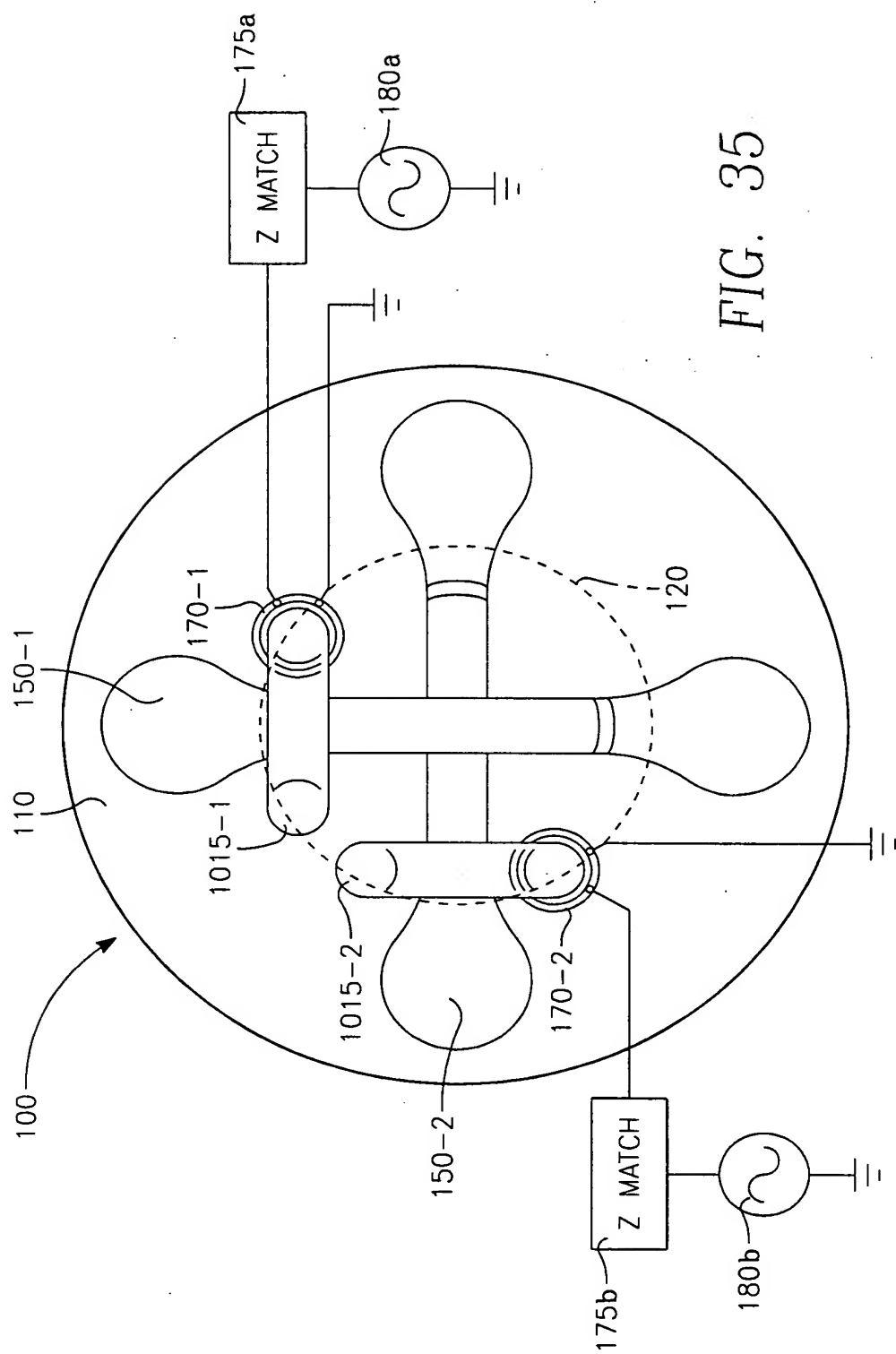
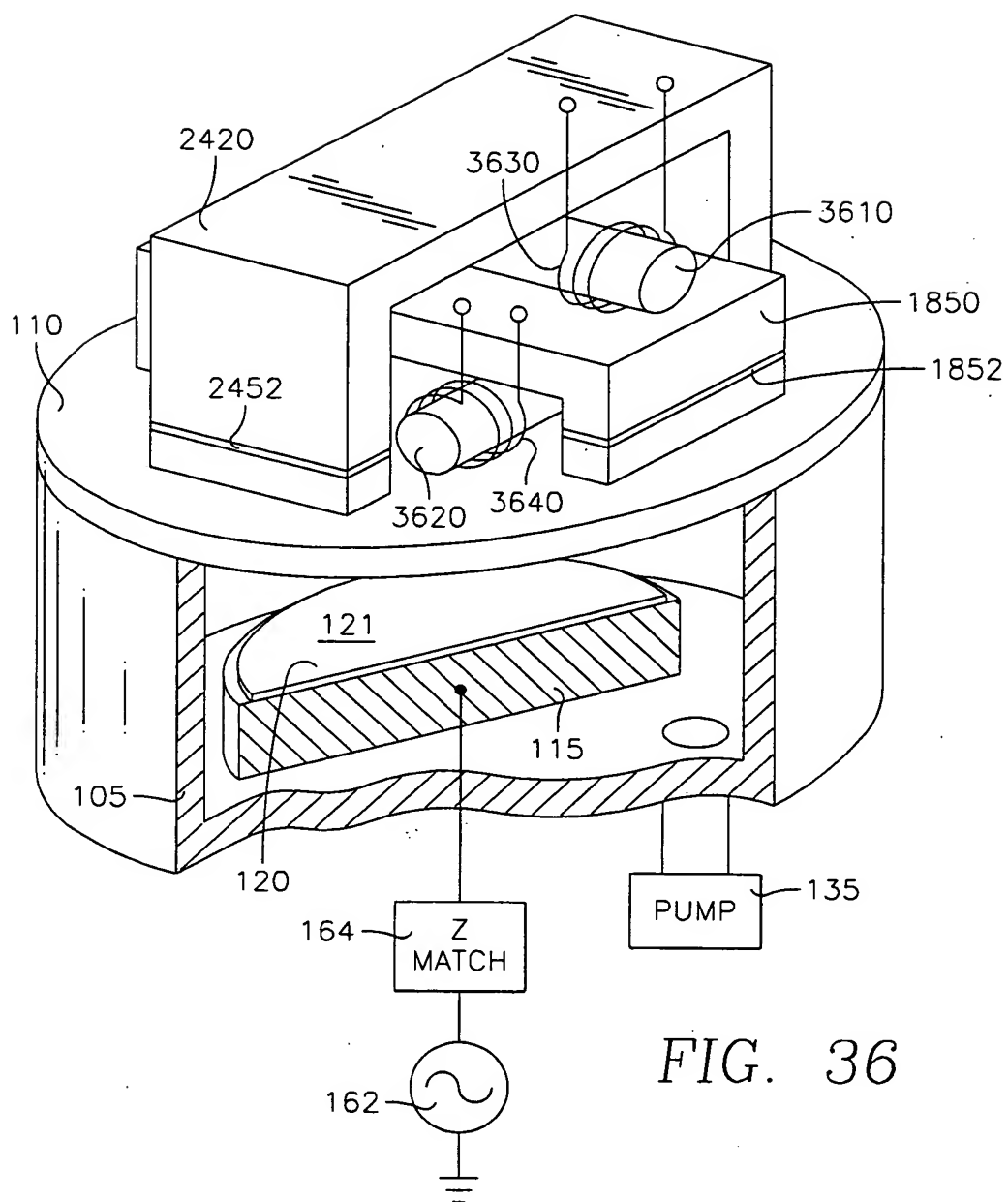


FIG. 35





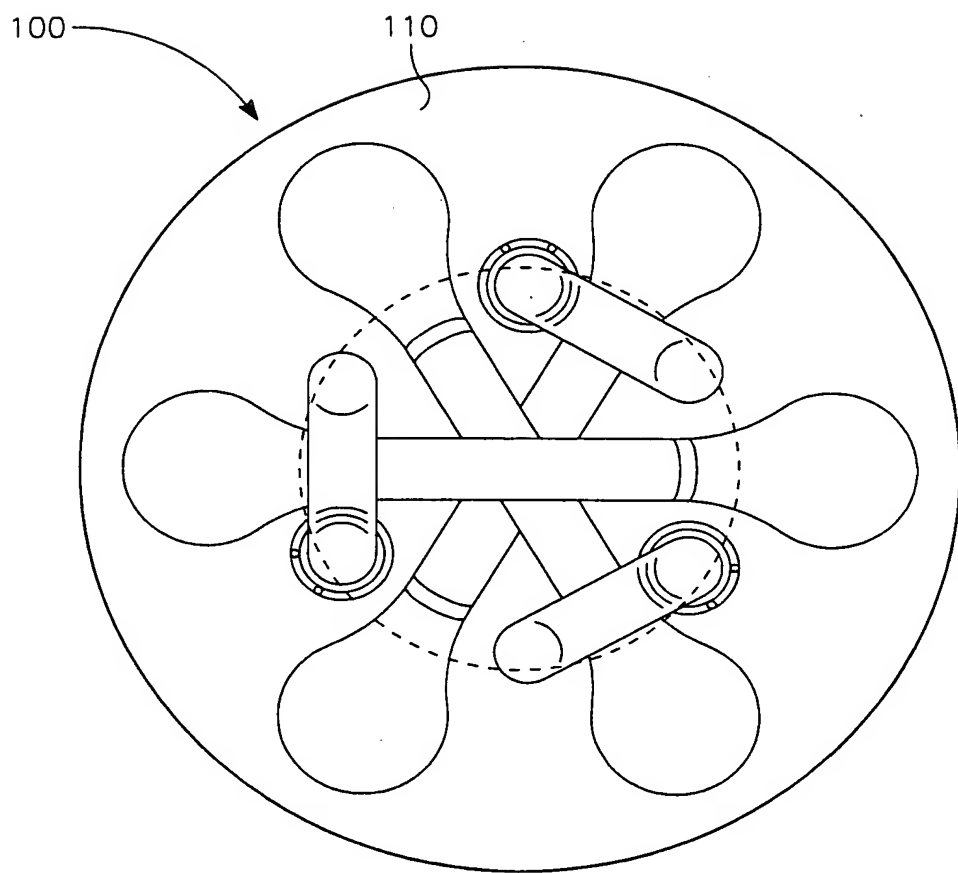


FIG. 37

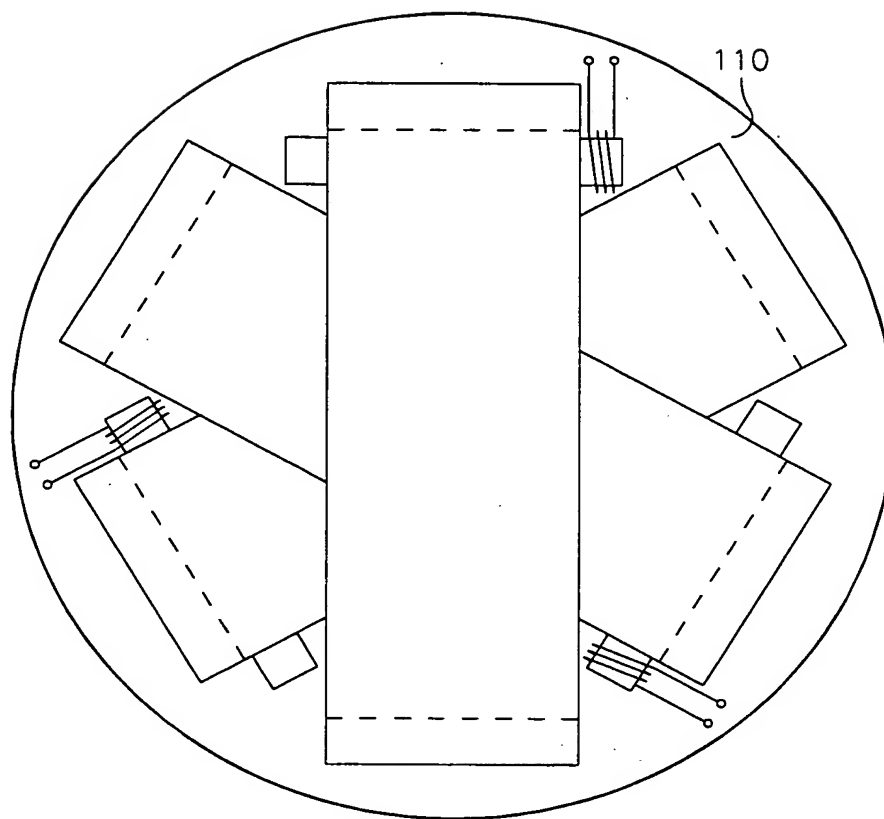


FIG. 38

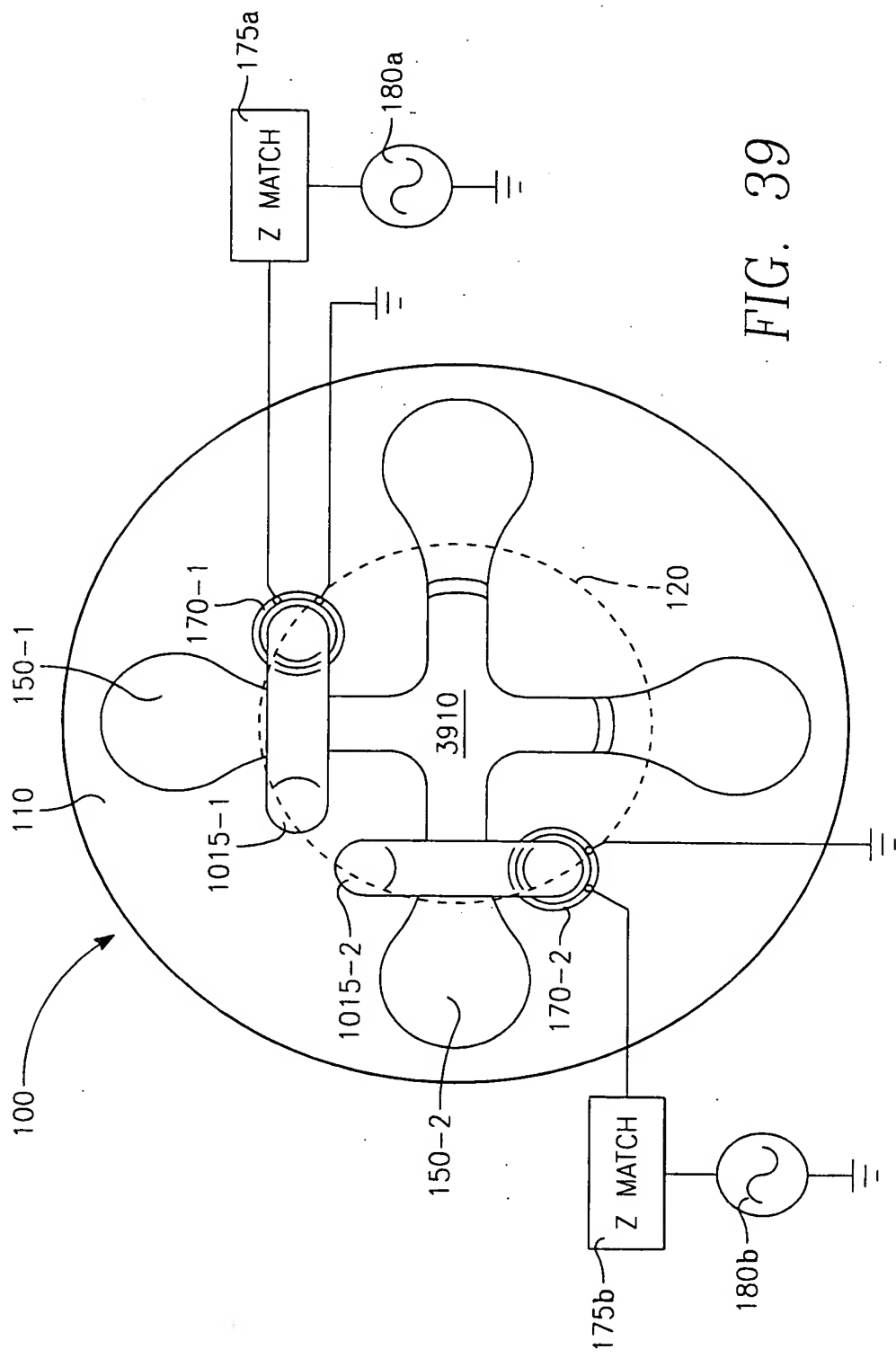


FIG. 39

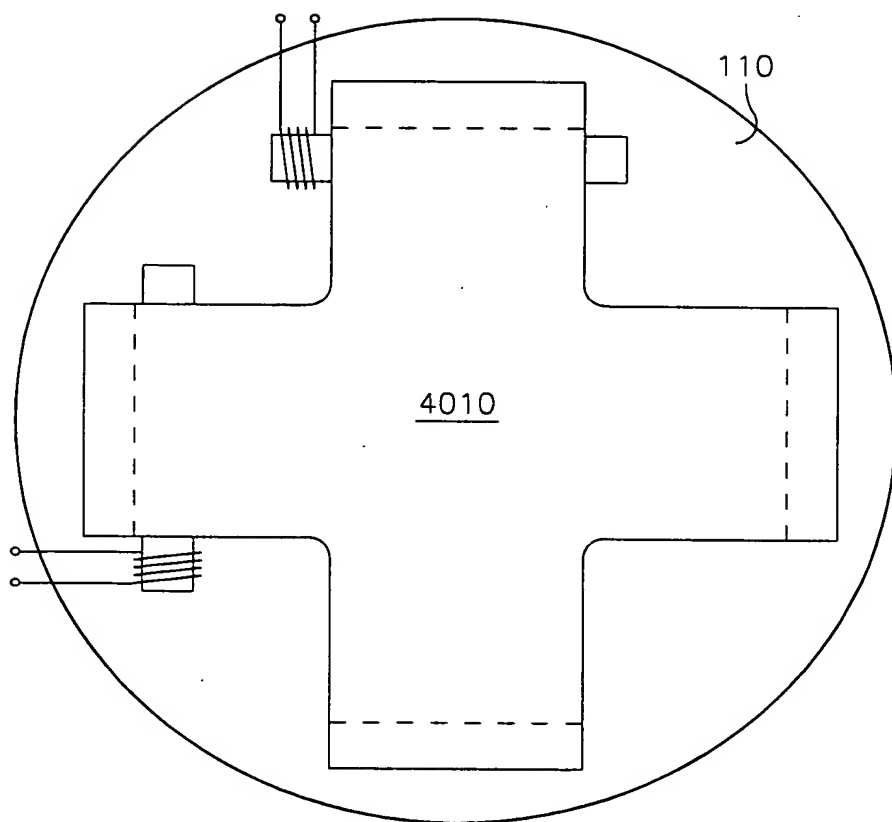


FIG. 40

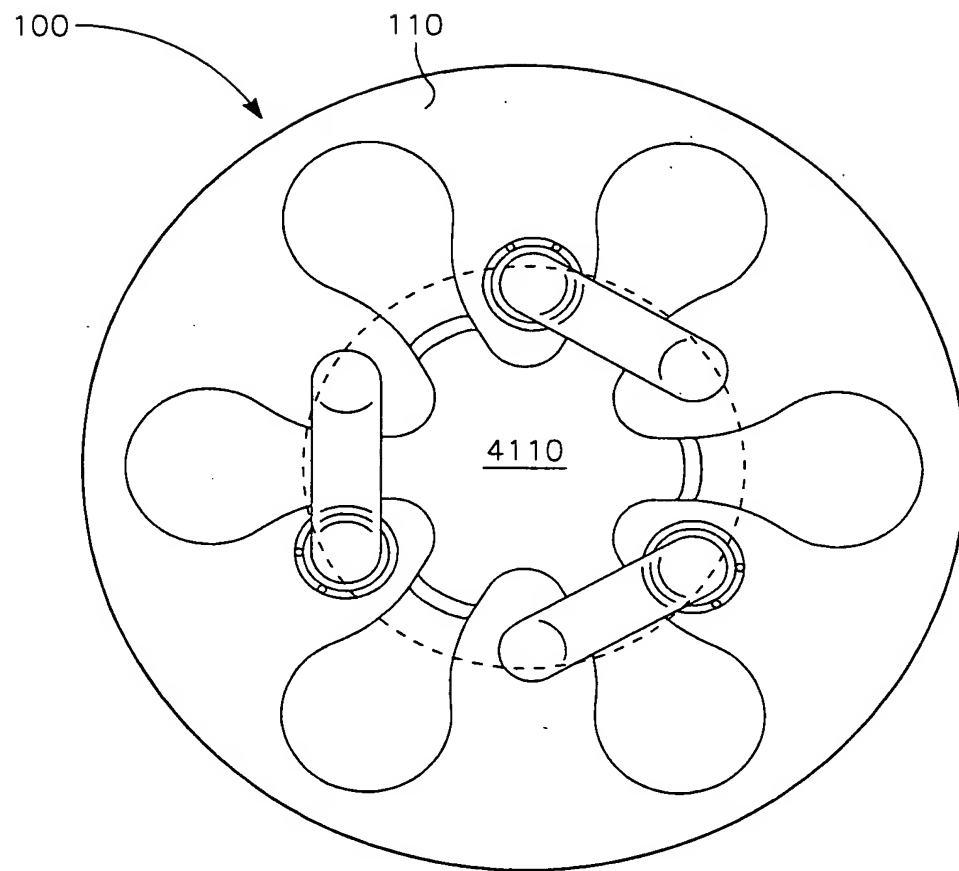


FIG. 41

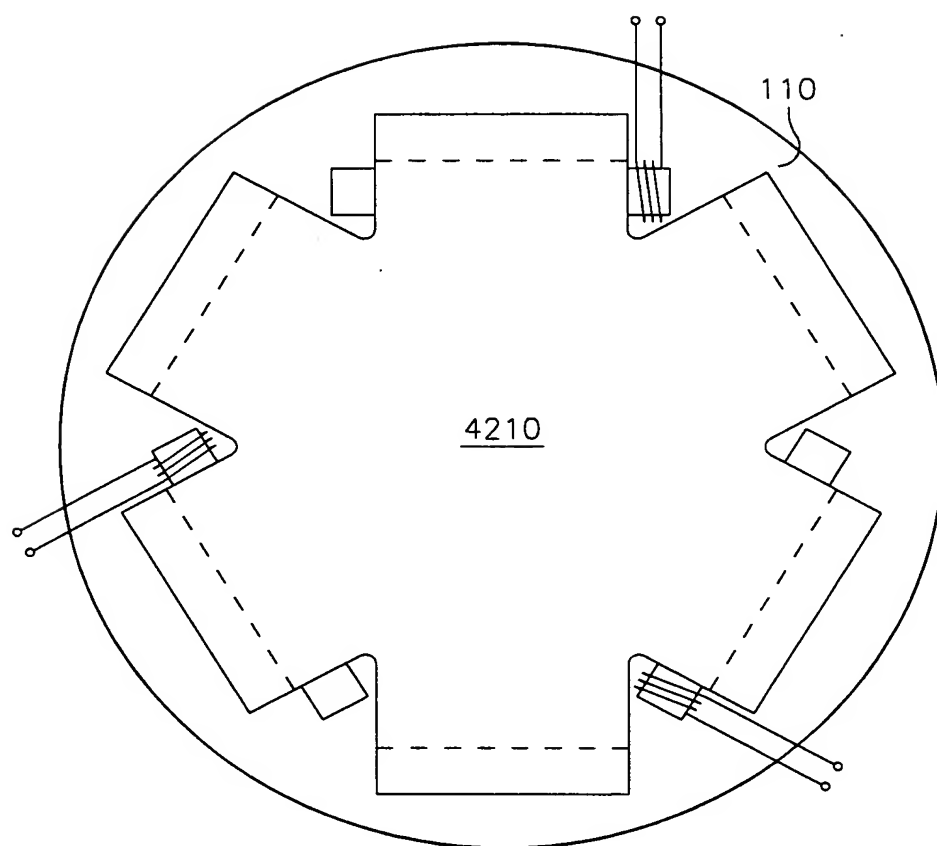


FIG. 42

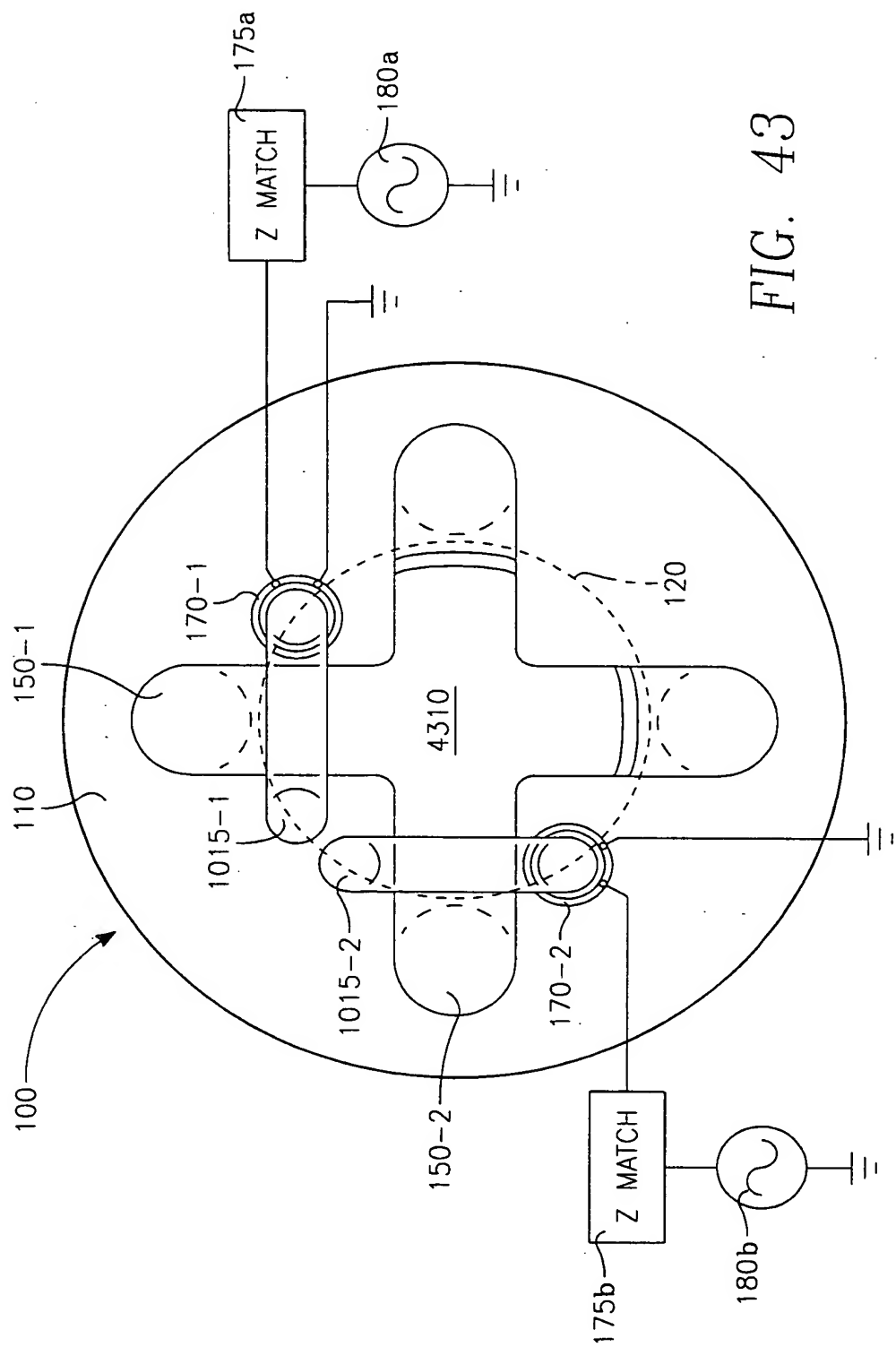


FIG. 43

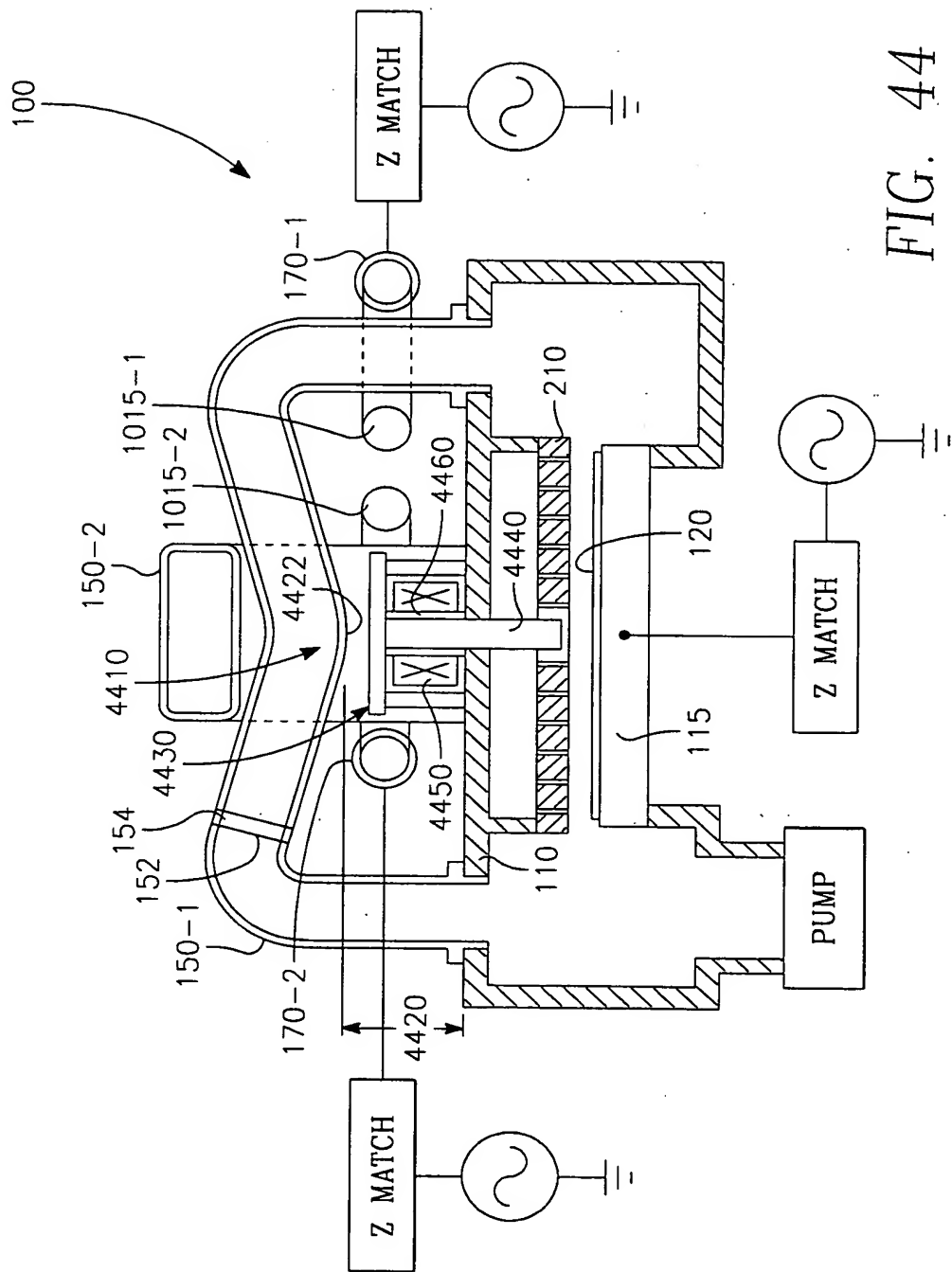


FIG. 44



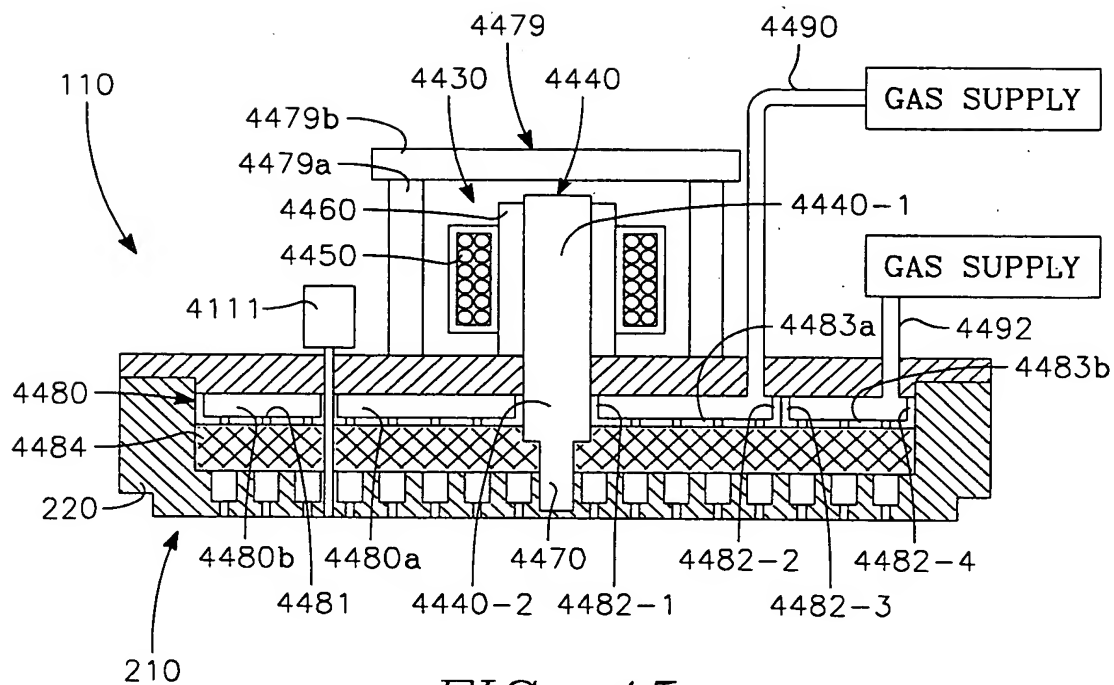


FIG. 45

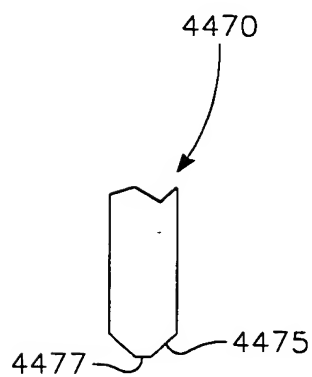


FIG. 46

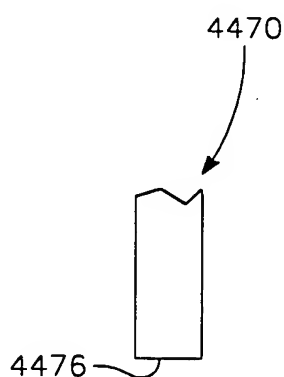


FIG. 47

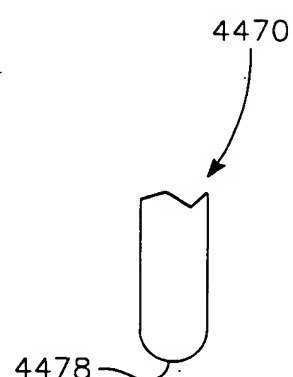


FIG. 48

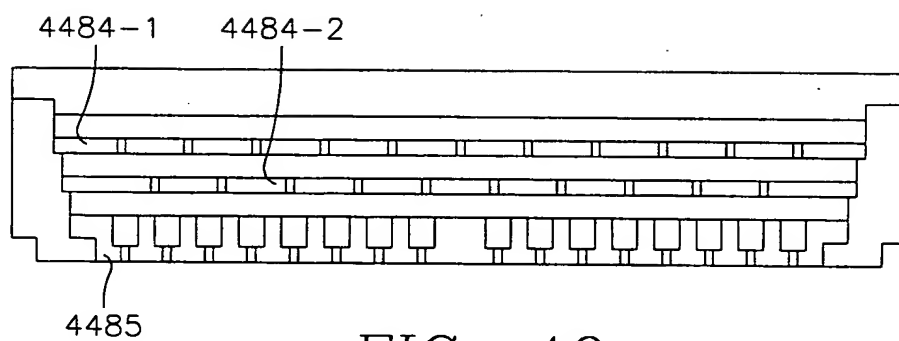


FIG. 49

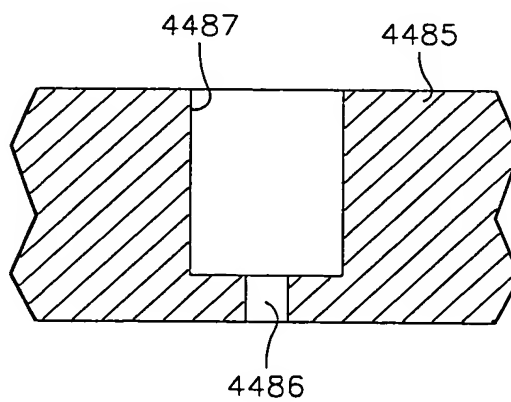


FIG. 50

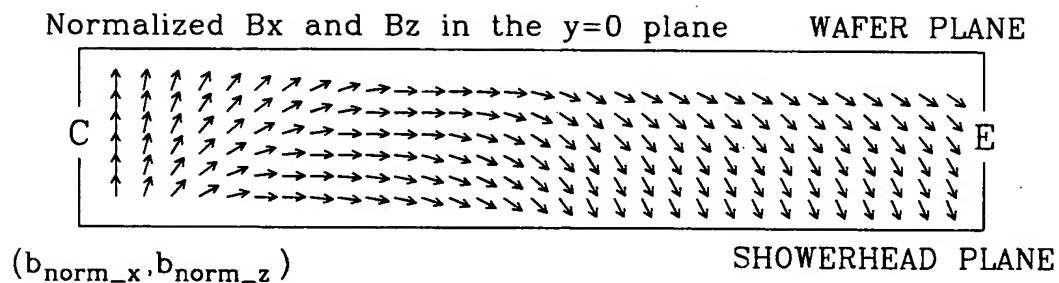


FIG. 51

□ Br measured=7 gauss at wafer plane, lin. off-center (peak)

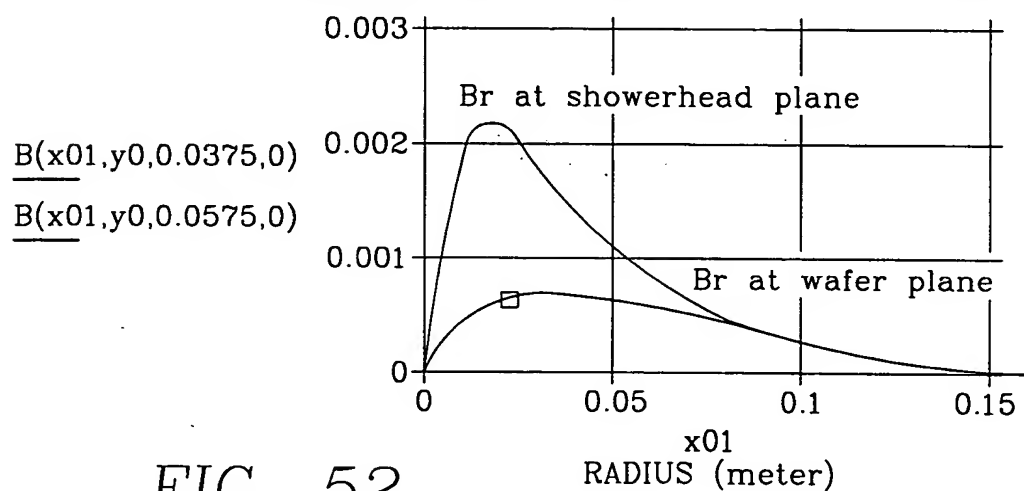


FIG. 52

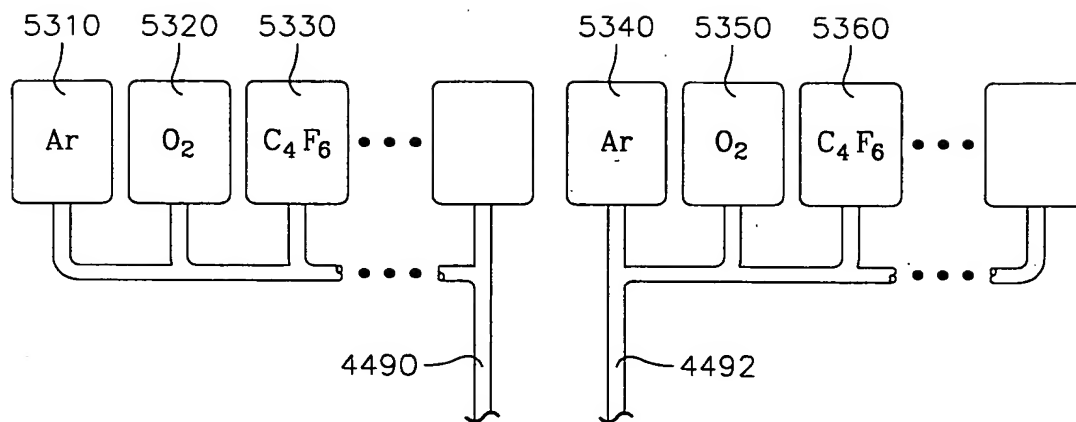


FIG. 53

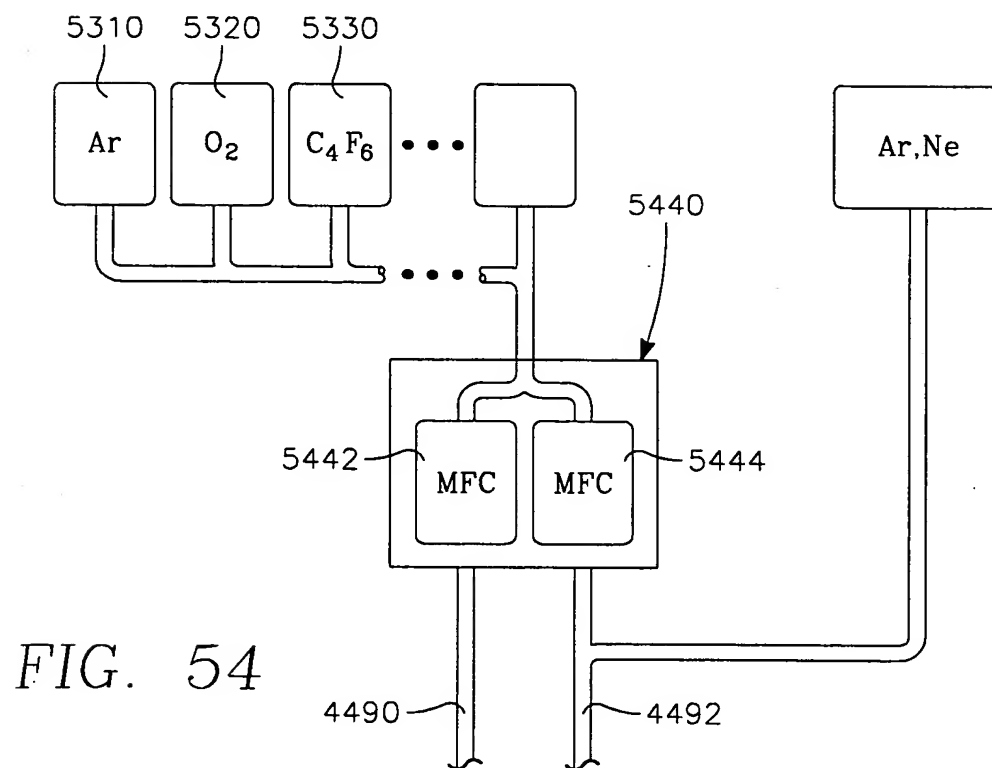


FIG. 54

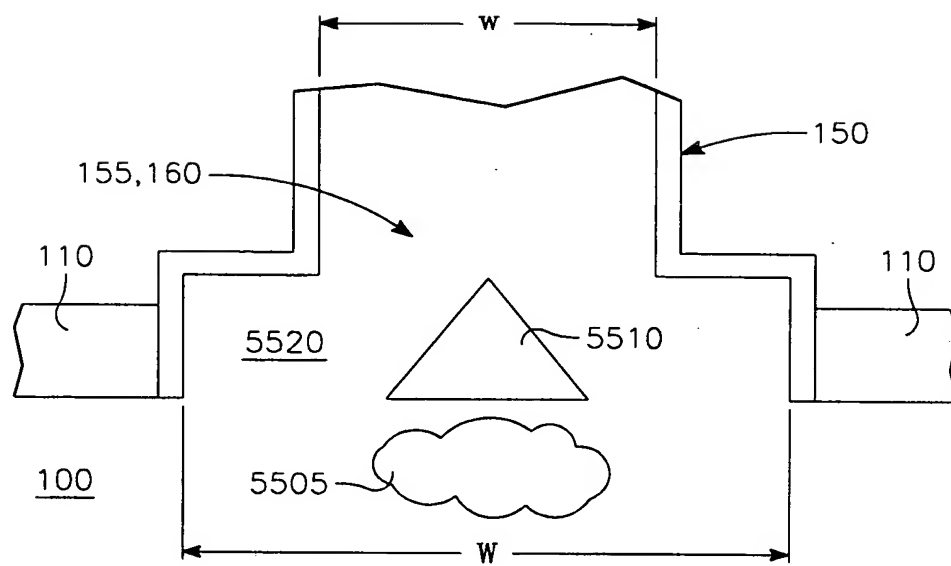


FIG. 55A

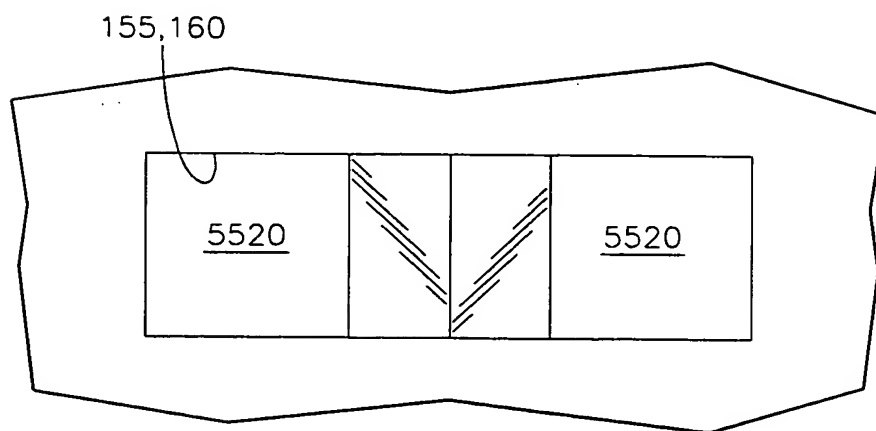


FIG. 55B

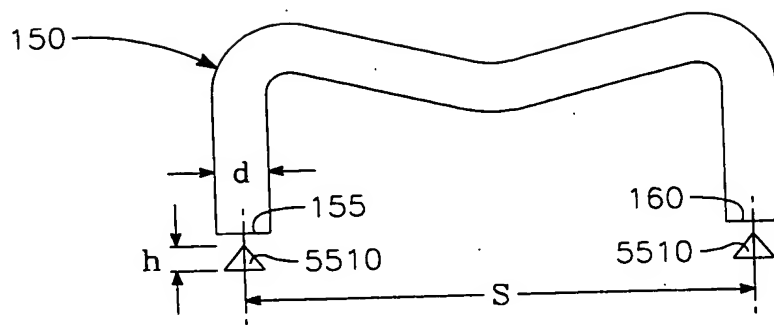


FIG. 56A

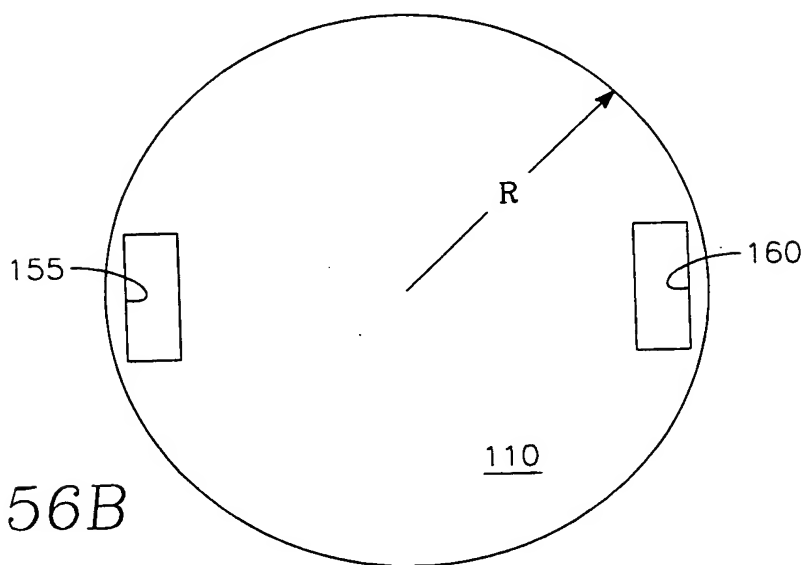


FIG. 56B

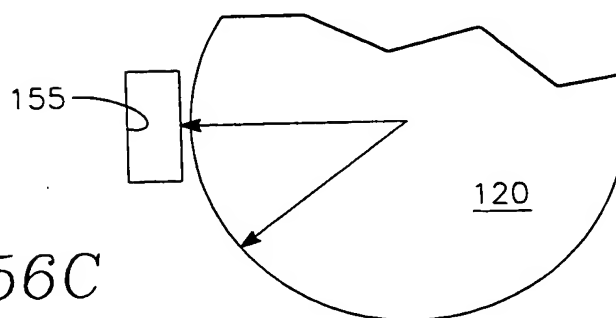


FIG. 56C

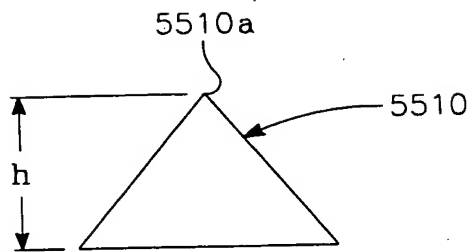


FIG. 57

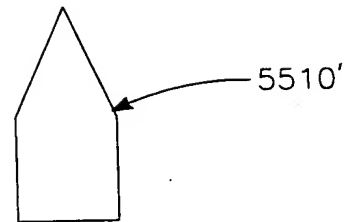


FIG. 58

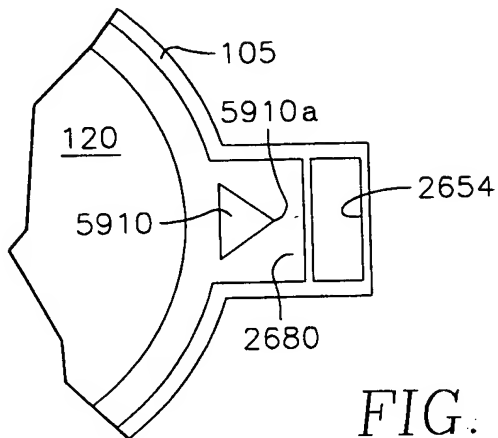


FIG. 59A

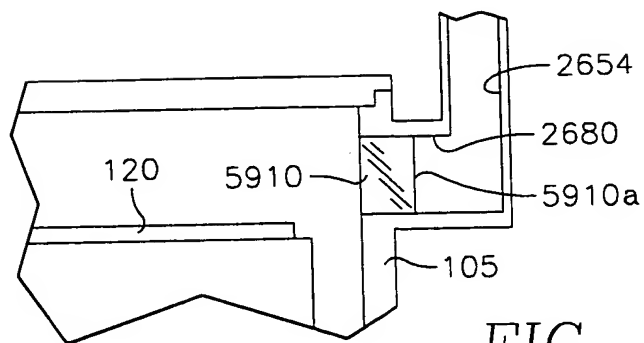


FIG. 59B

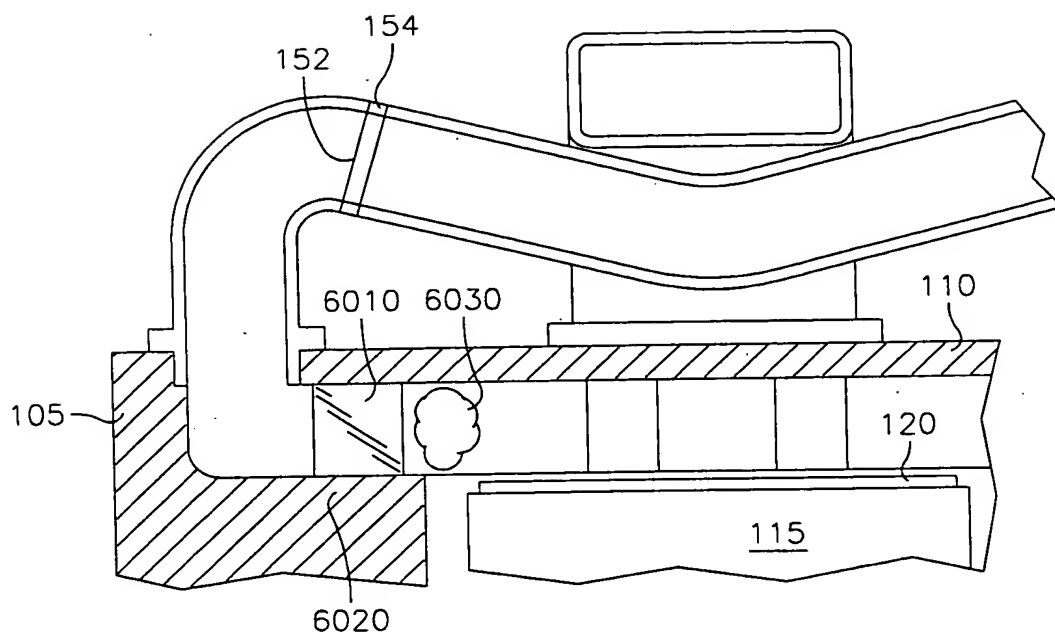


FIG. 60

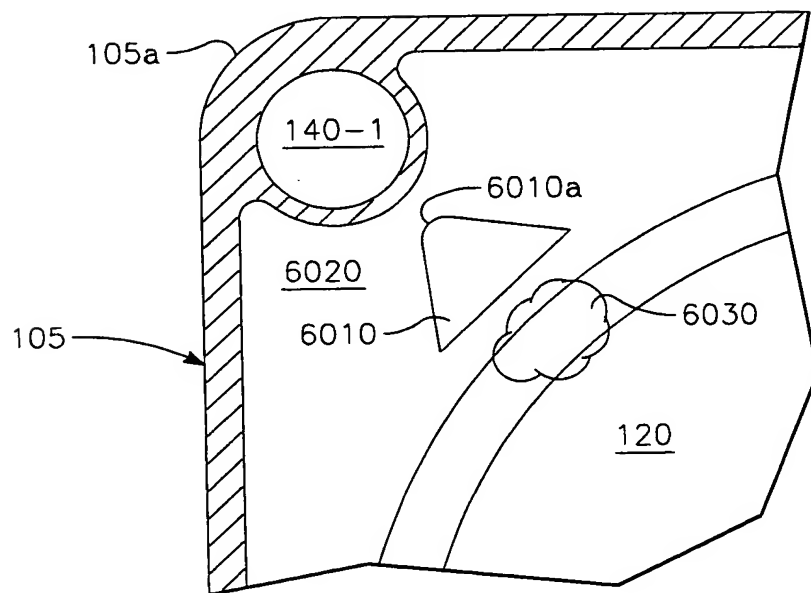


FIG. 61



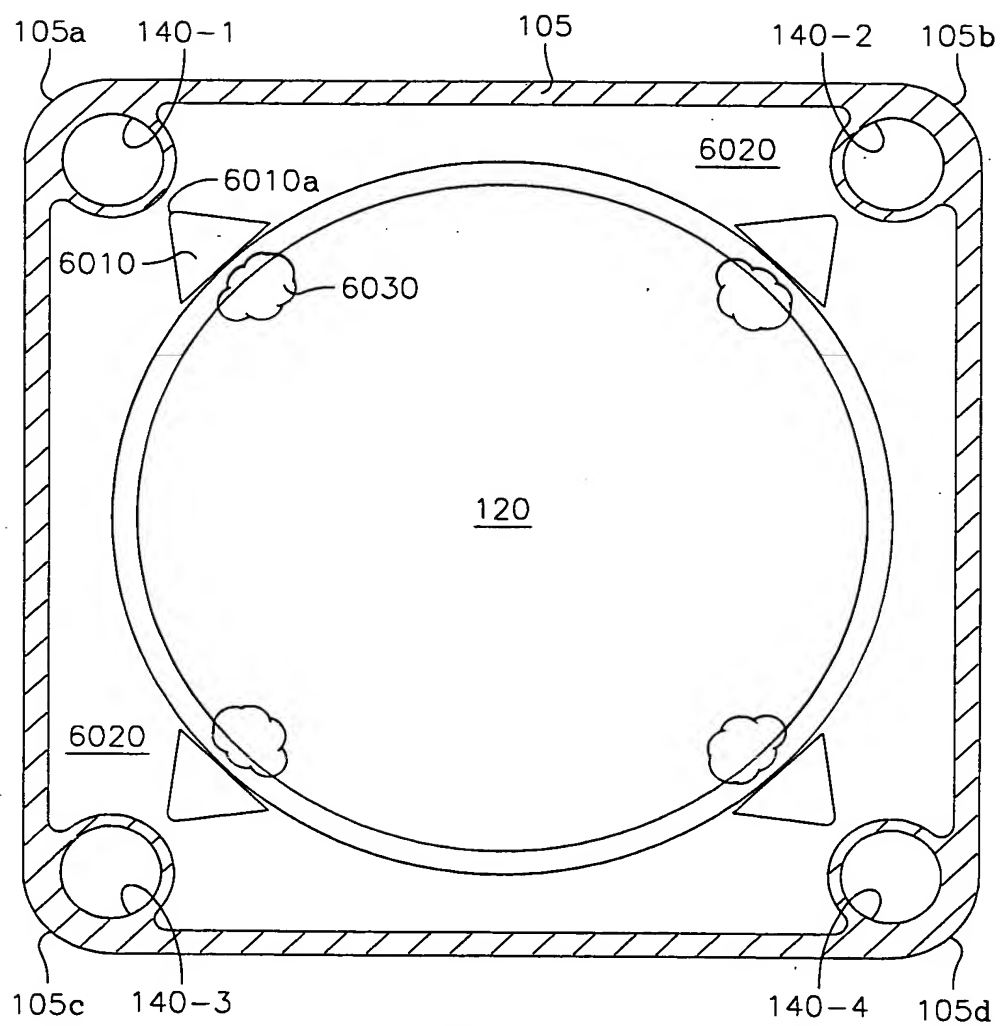


FIG. 62

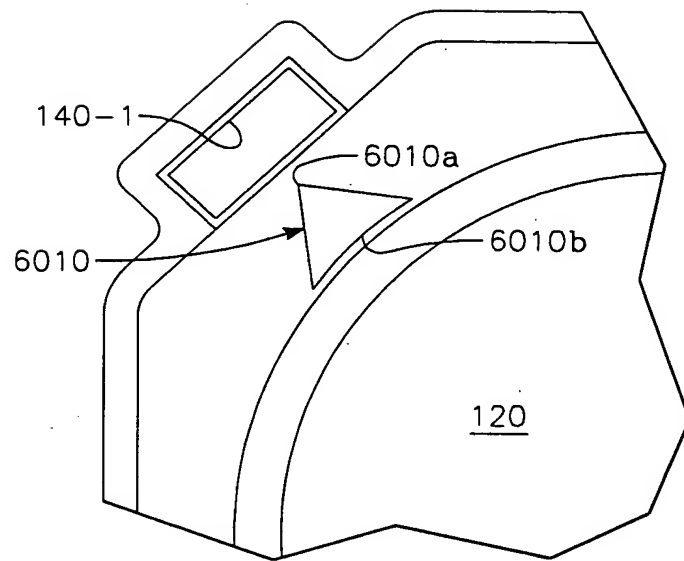


FIG. 63

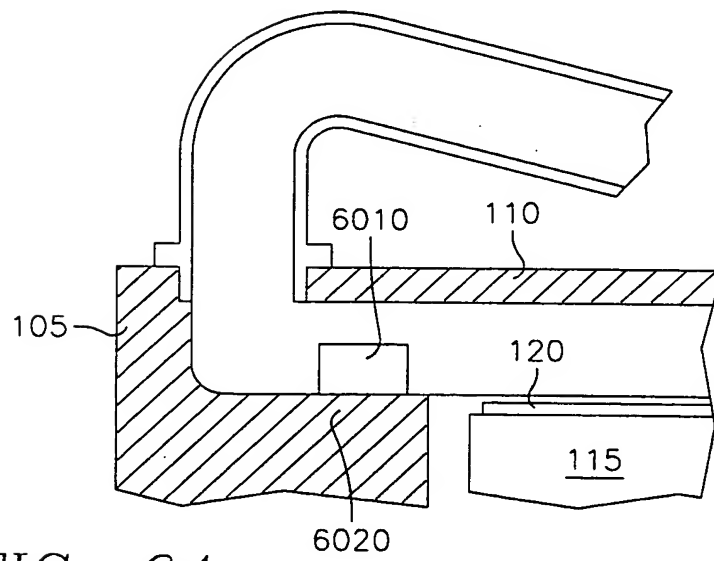


FIG. 64

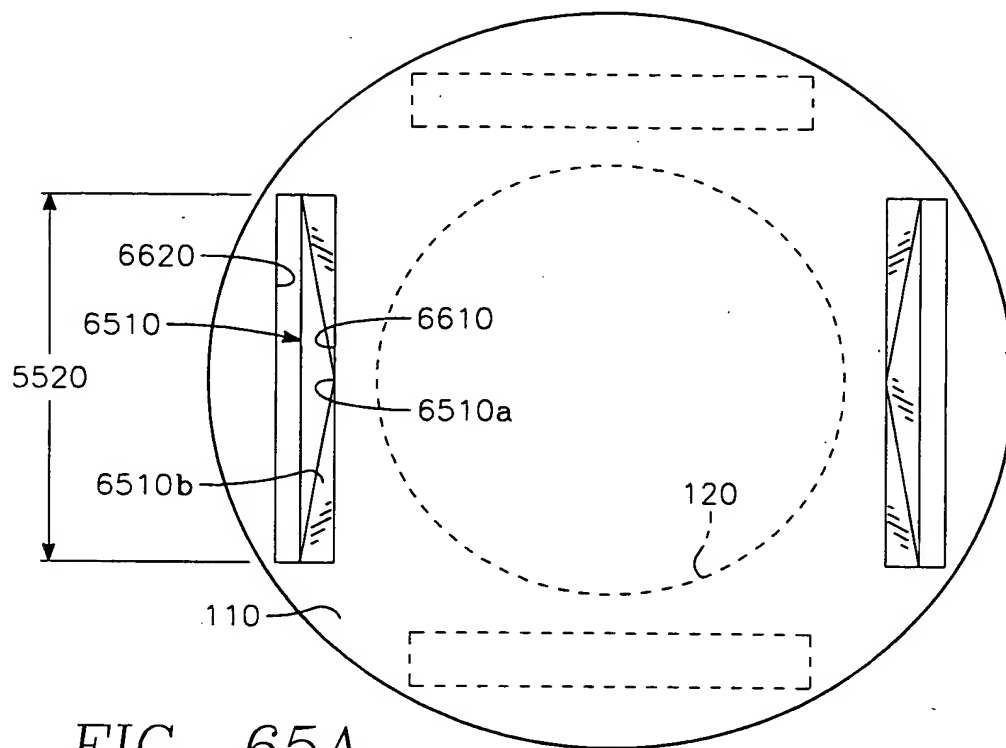


FIG. 65A

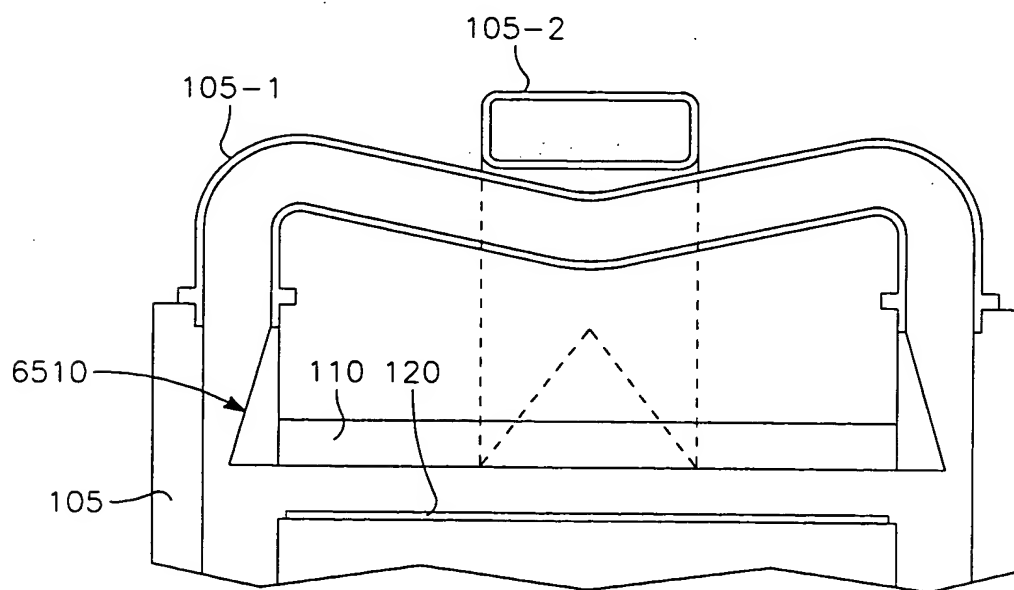


FIG. 65B

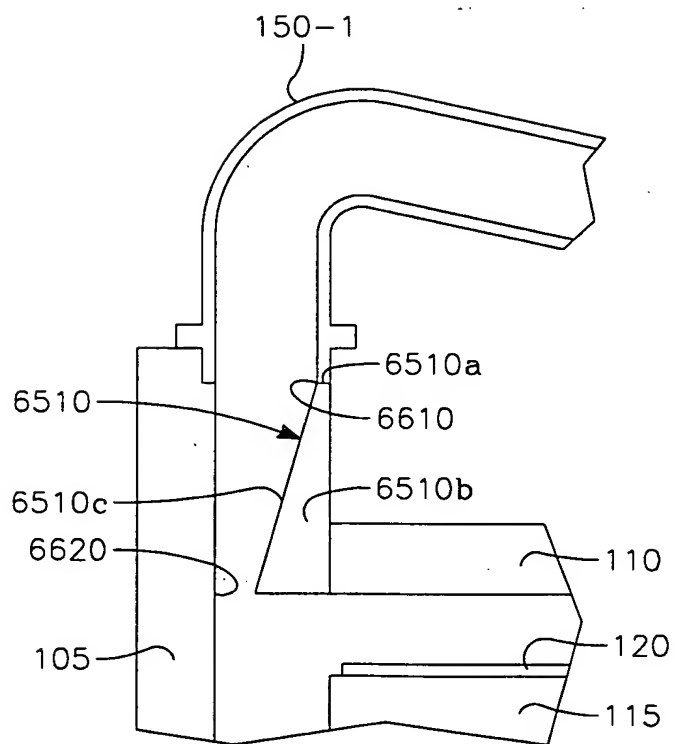


FIG. 66

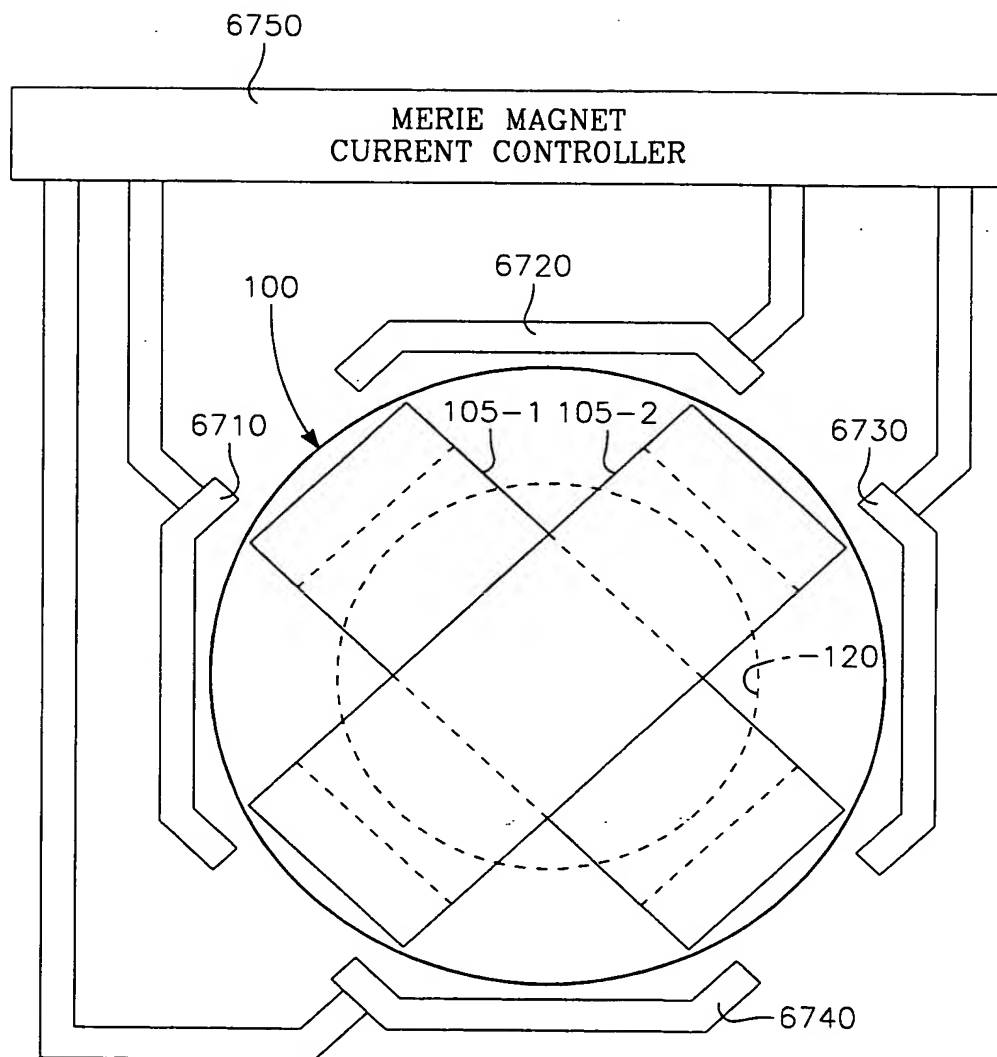


FIG. 67

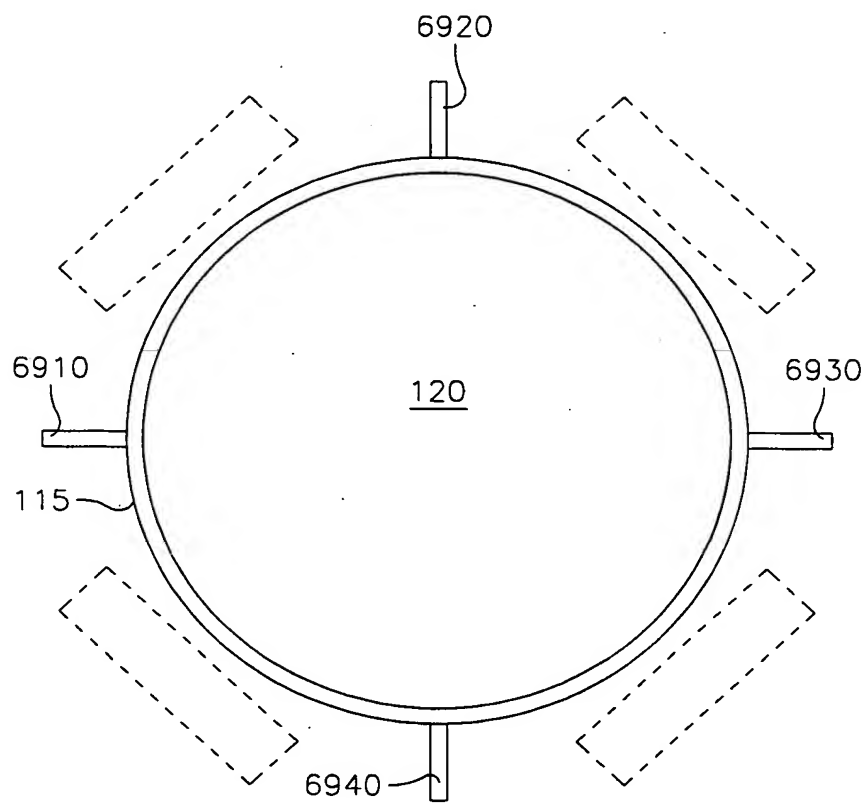


FIG. 68

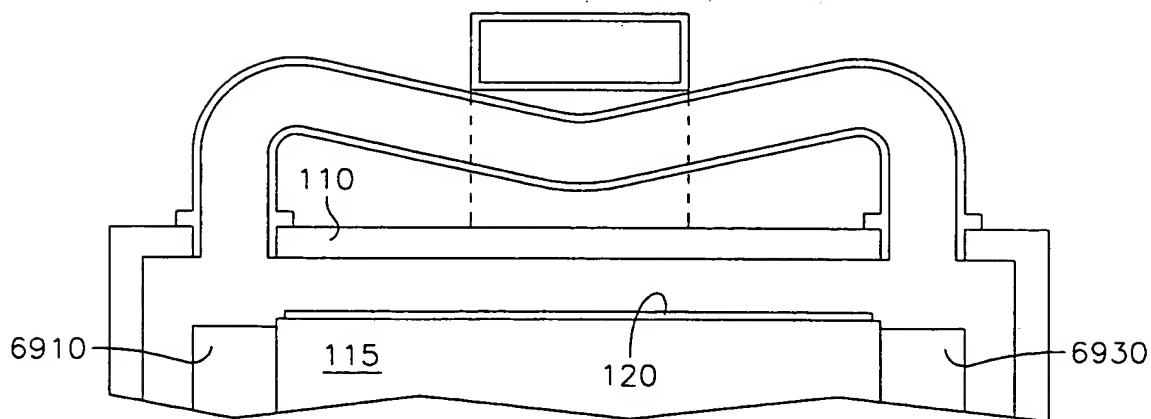
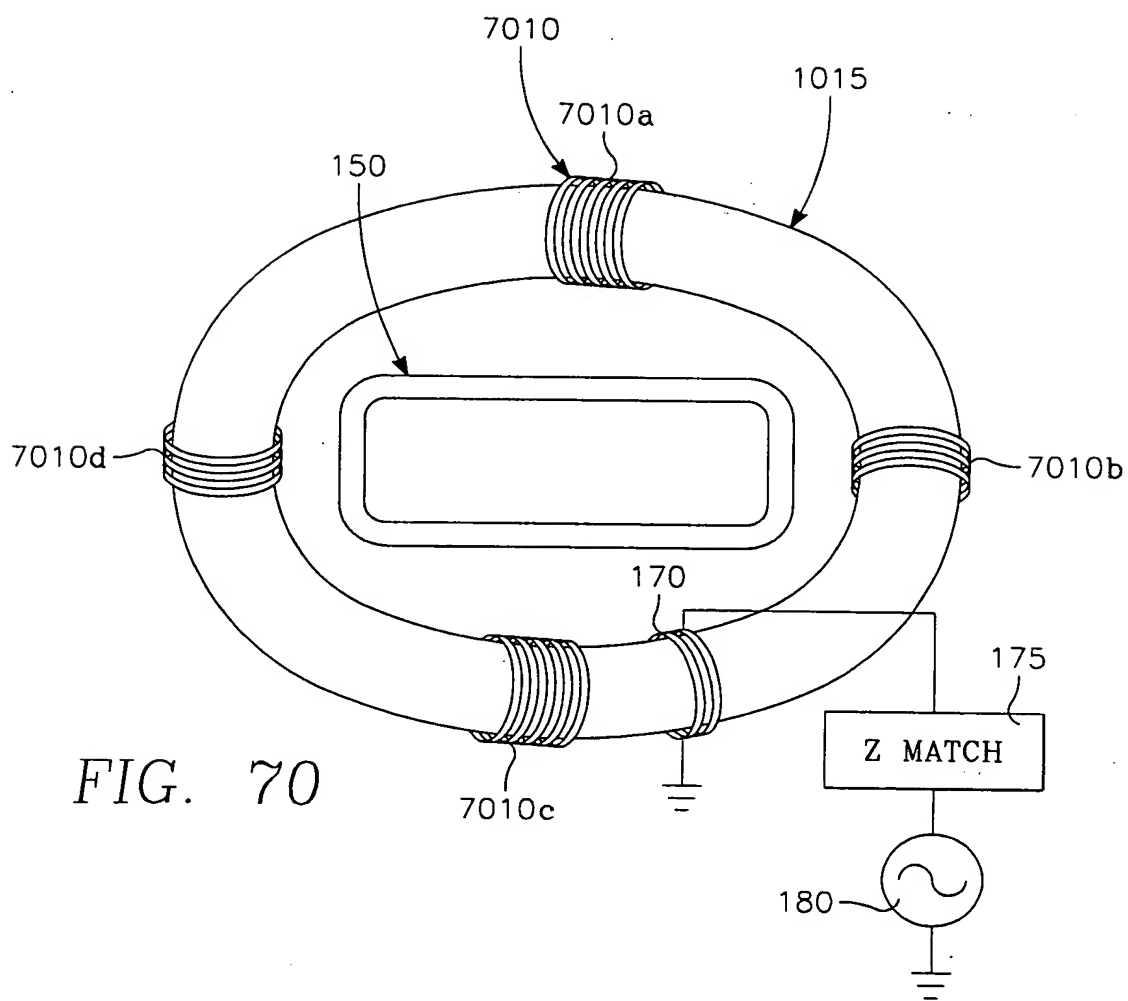


FIG. 69



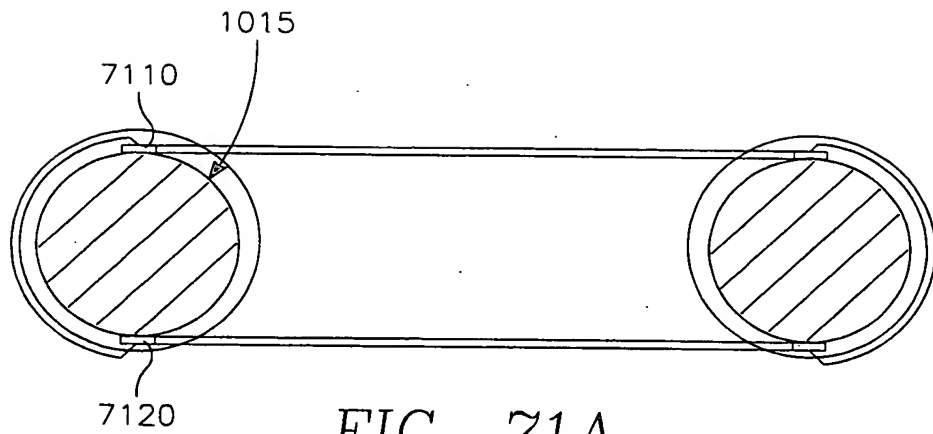


FIG. 71A

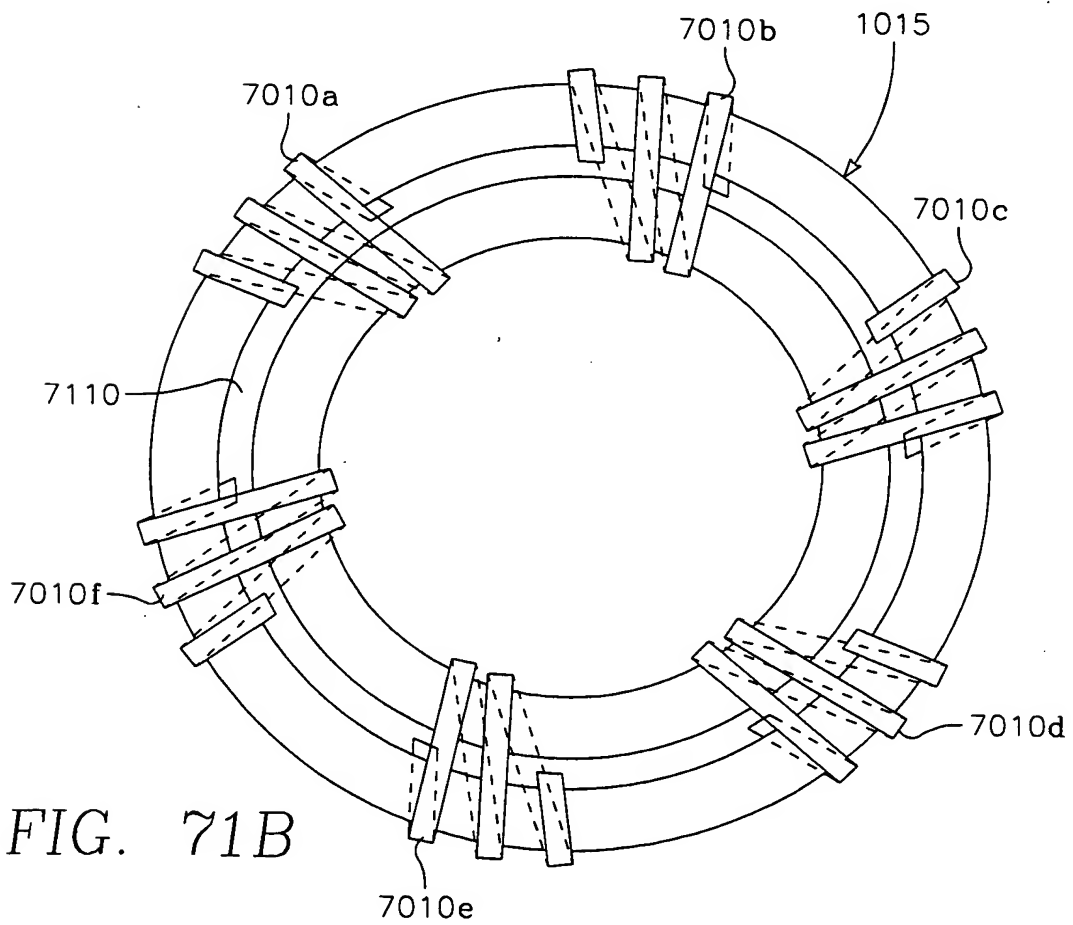


FIG. 71B



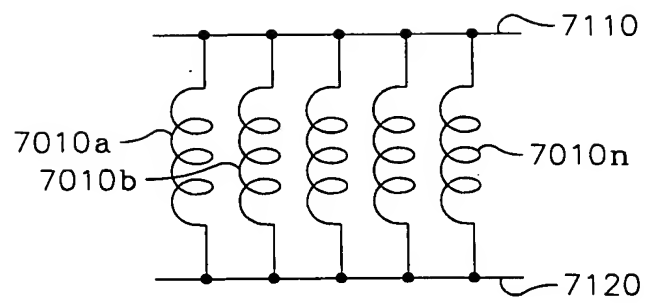


FIG. 72

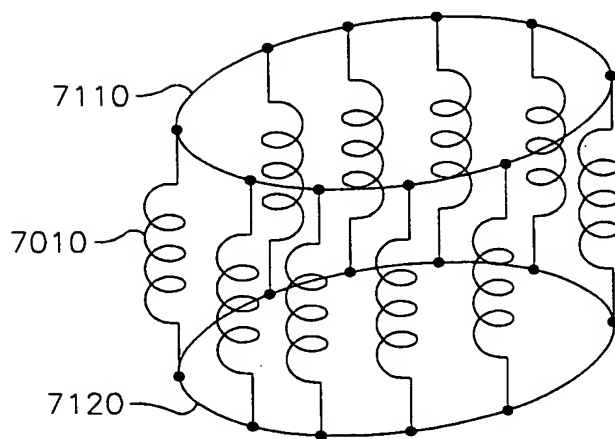


FIG. 73

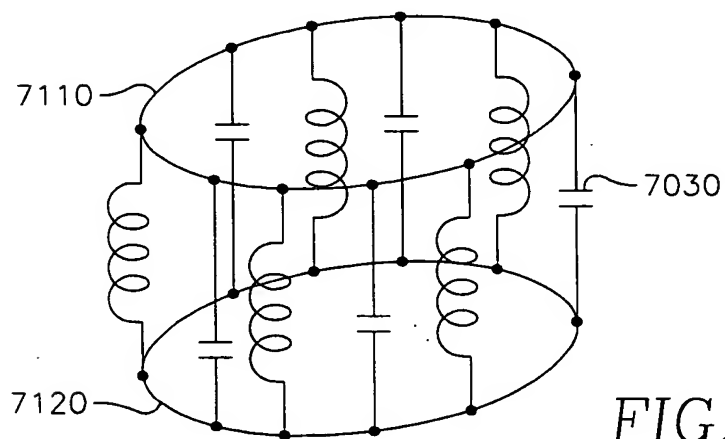


FIG. 74

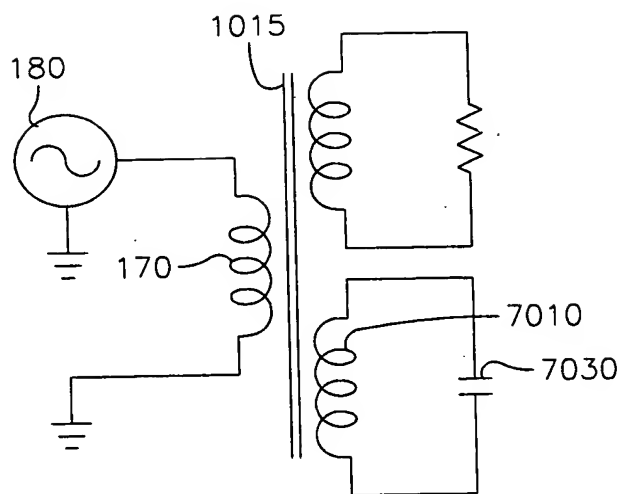


FIG. 75

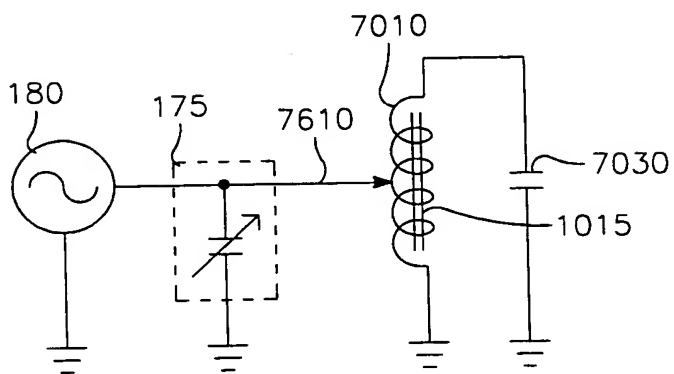


FIG. 76

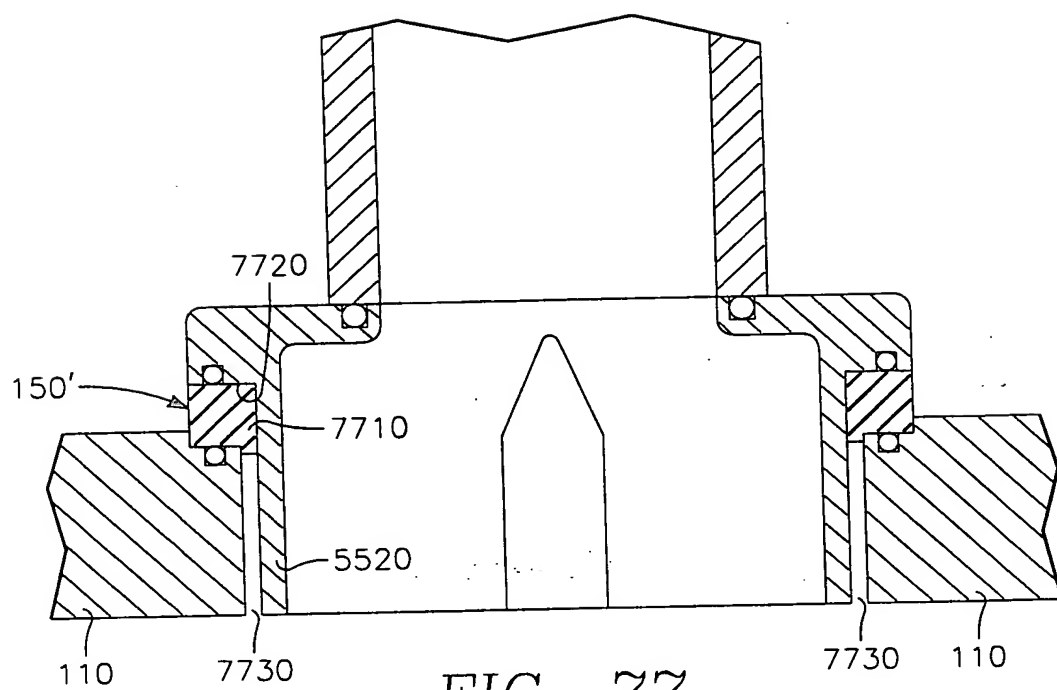


FIG. 77

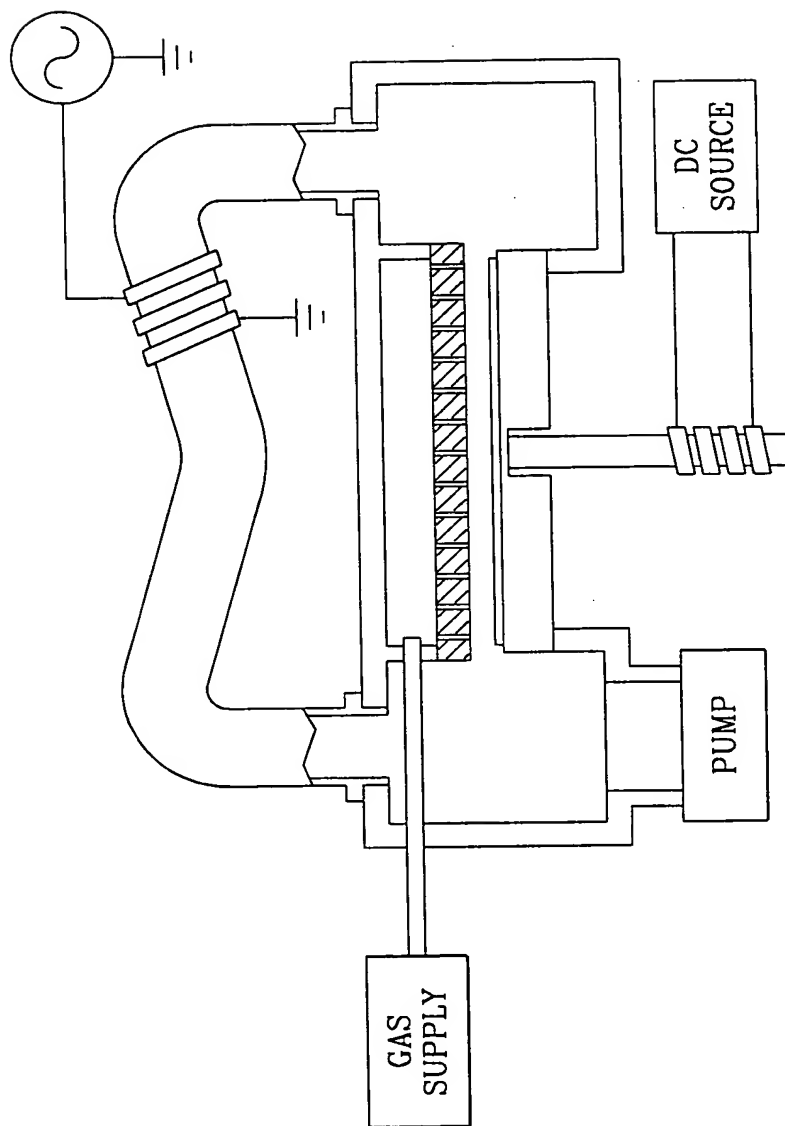


FIG. 78

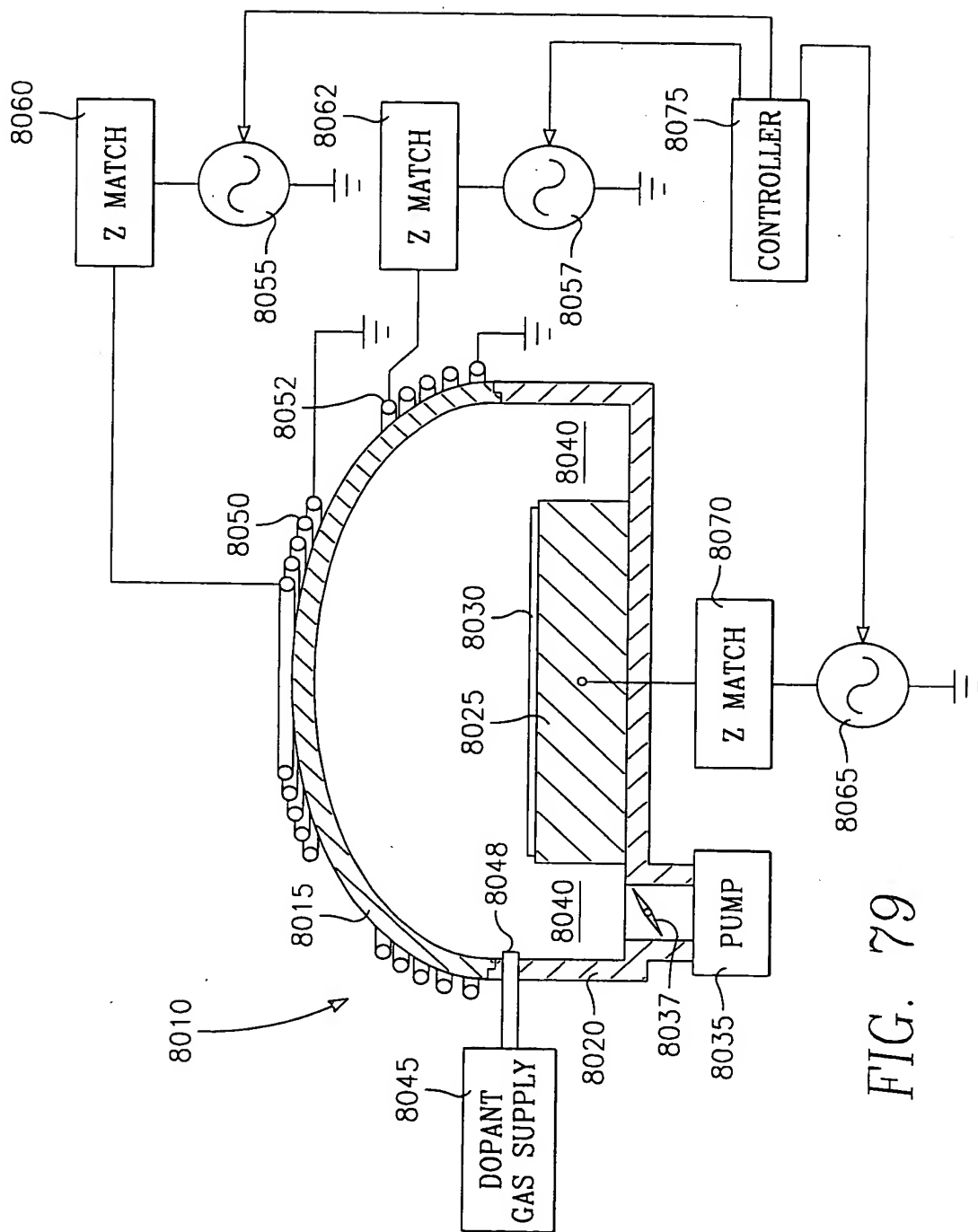


FIG. 79

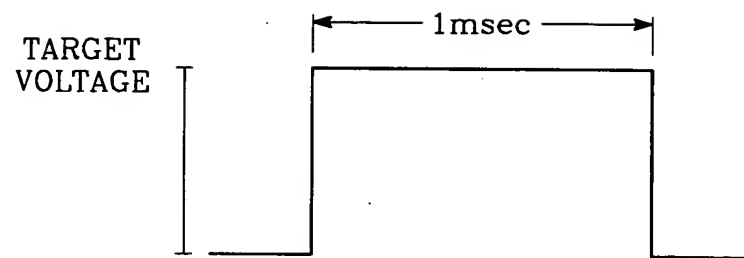


FIG. 80A

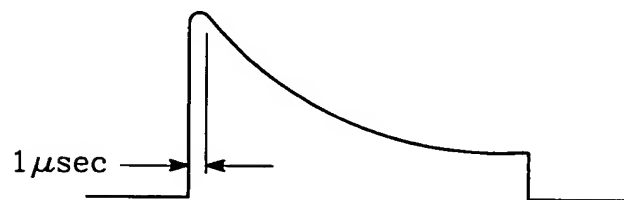


FIG. 80B

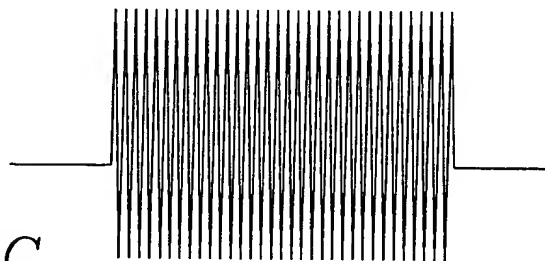
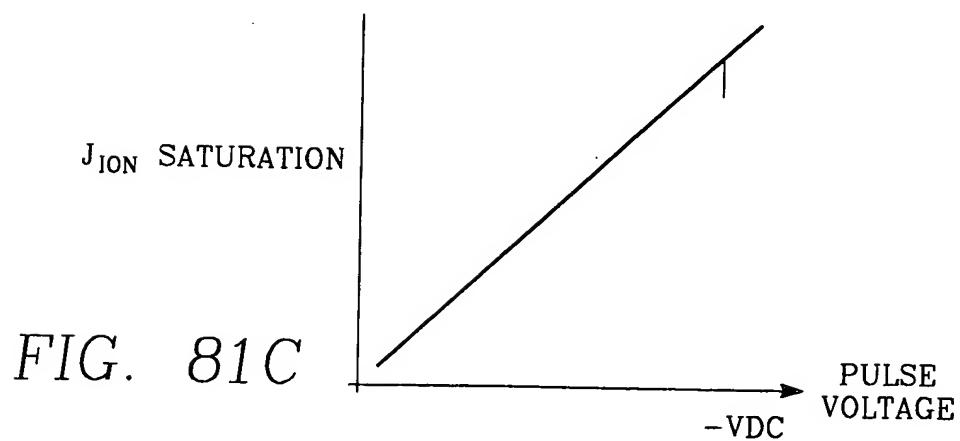
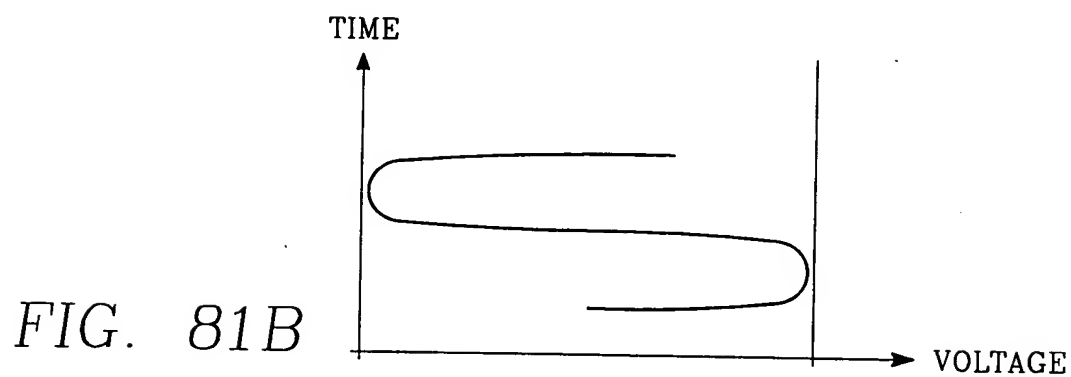
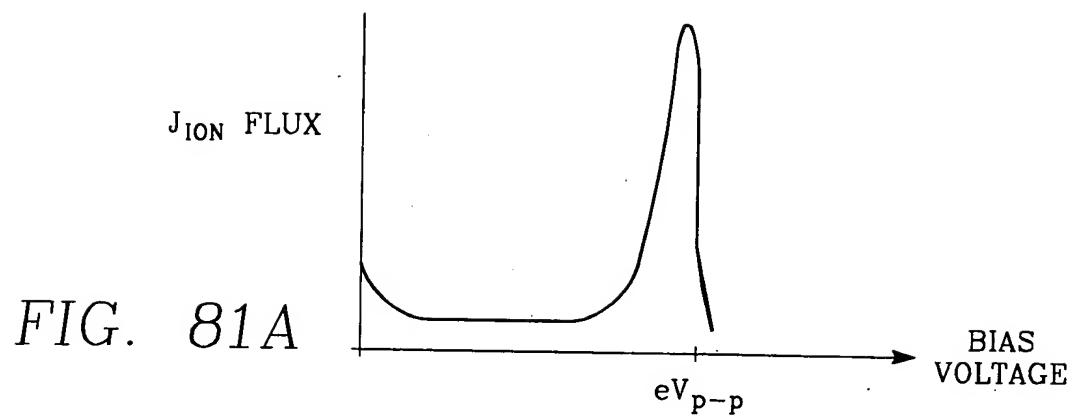


FIG. 80C



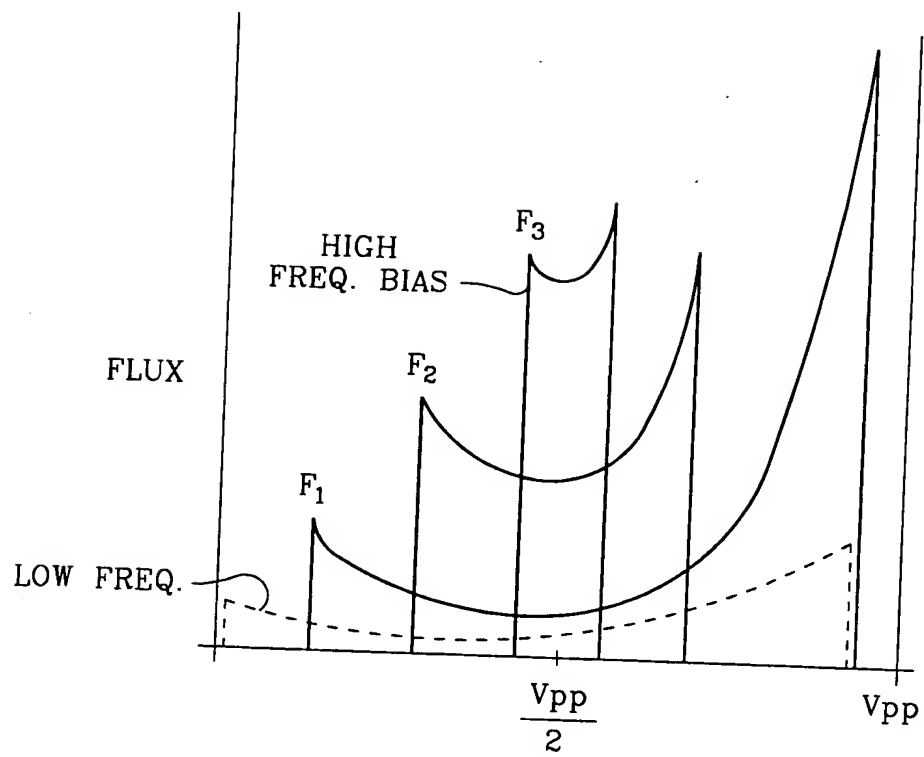


FIG. 81D



FIG. 82A  PUSH PULL

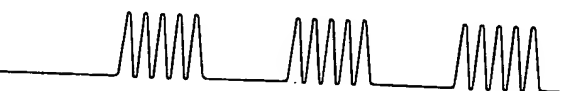
FIG. 82B  PUSH PULL


FIG. 82C  IN SYNC


FIG. 82D  IN SYNC

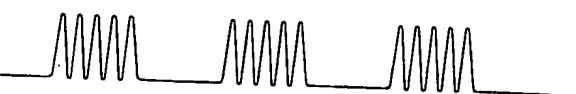
FIG. 82E  SYMMETRIC

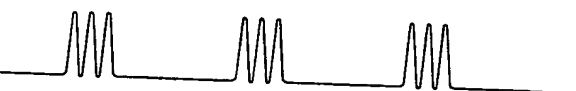
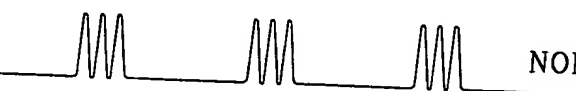
FIG. 82F  SYMMETRIC

FIG. 82G  NON-SYMMETRIC

FIG. 82H  NON-SYMMETRIC

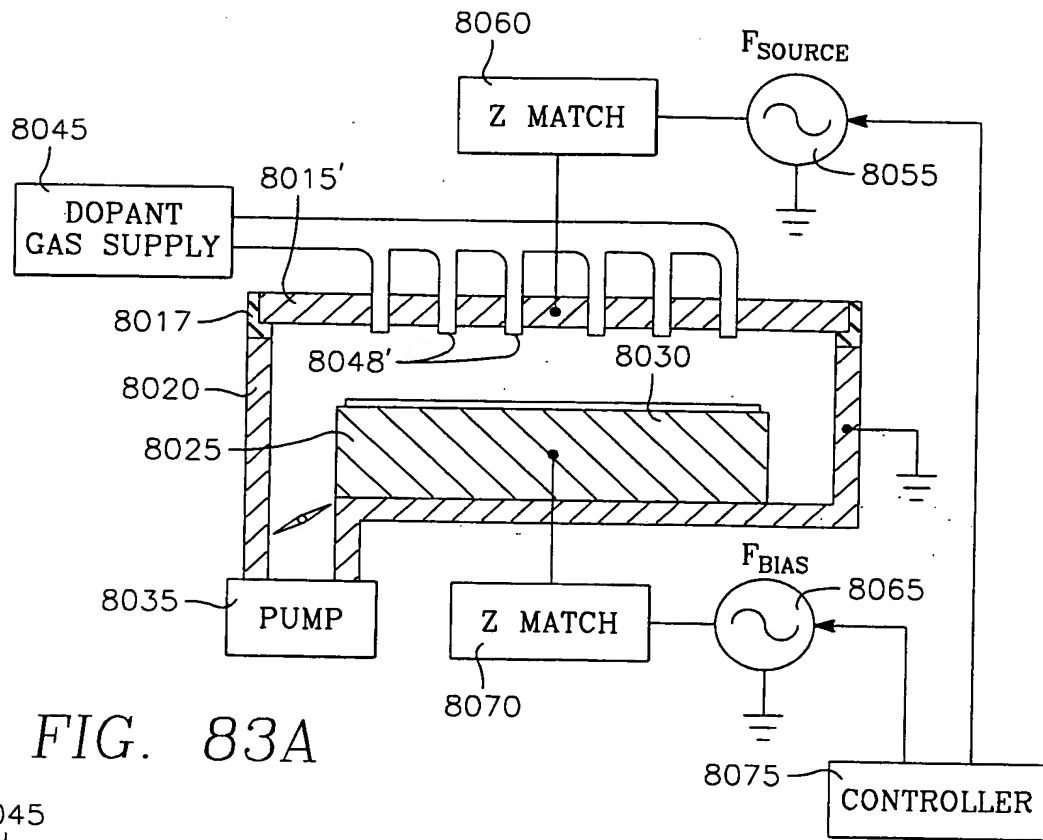


FIG. 83A

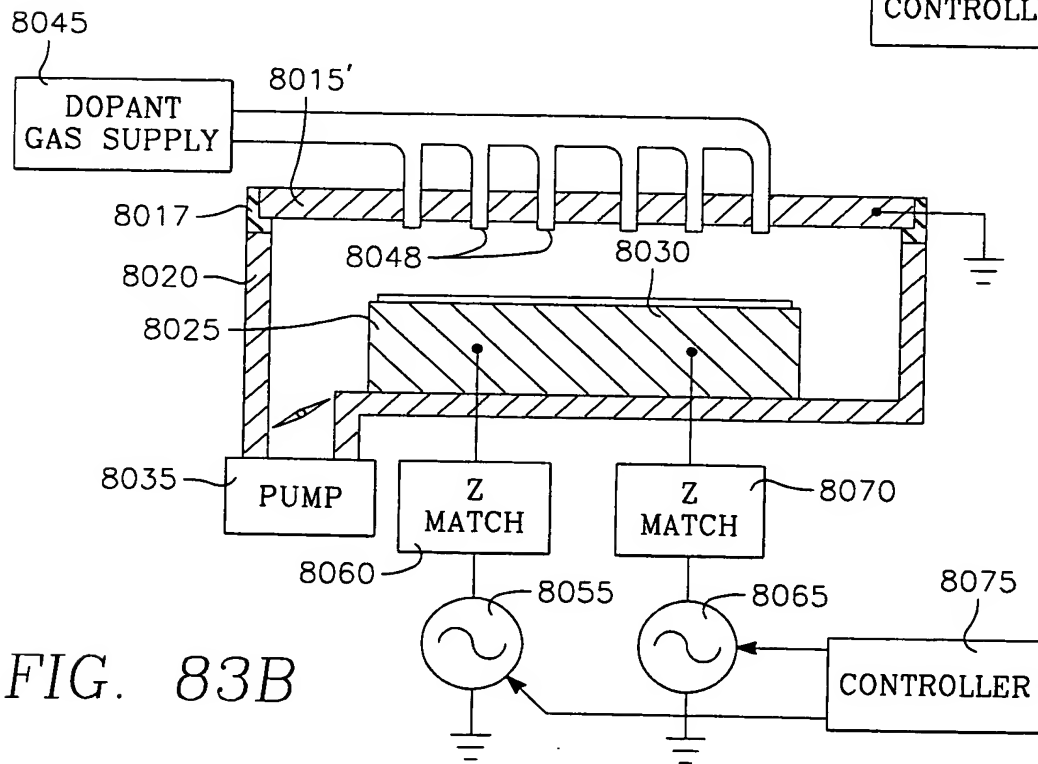


FIG. 83B

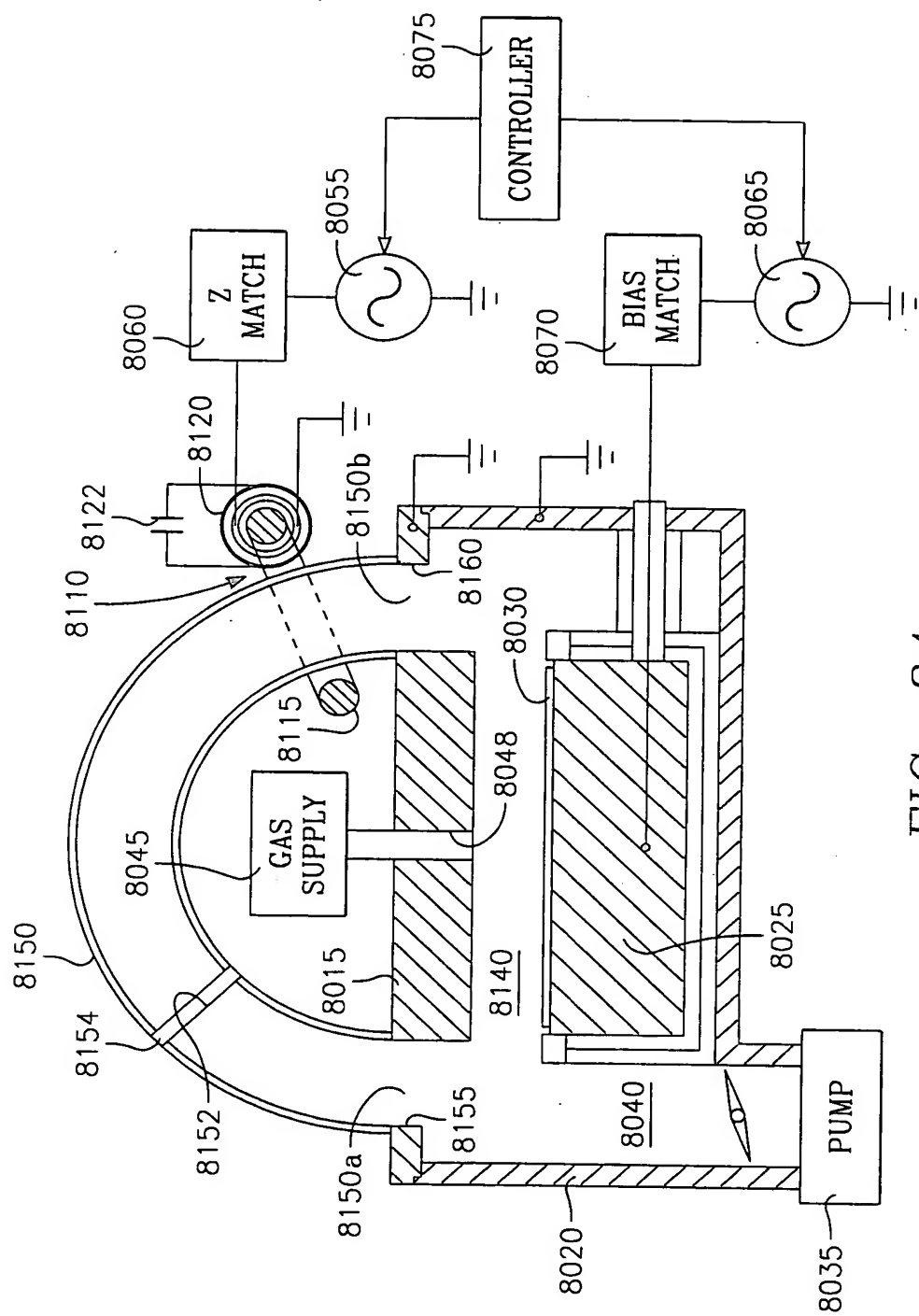
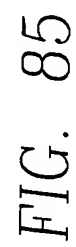


FIG. 84



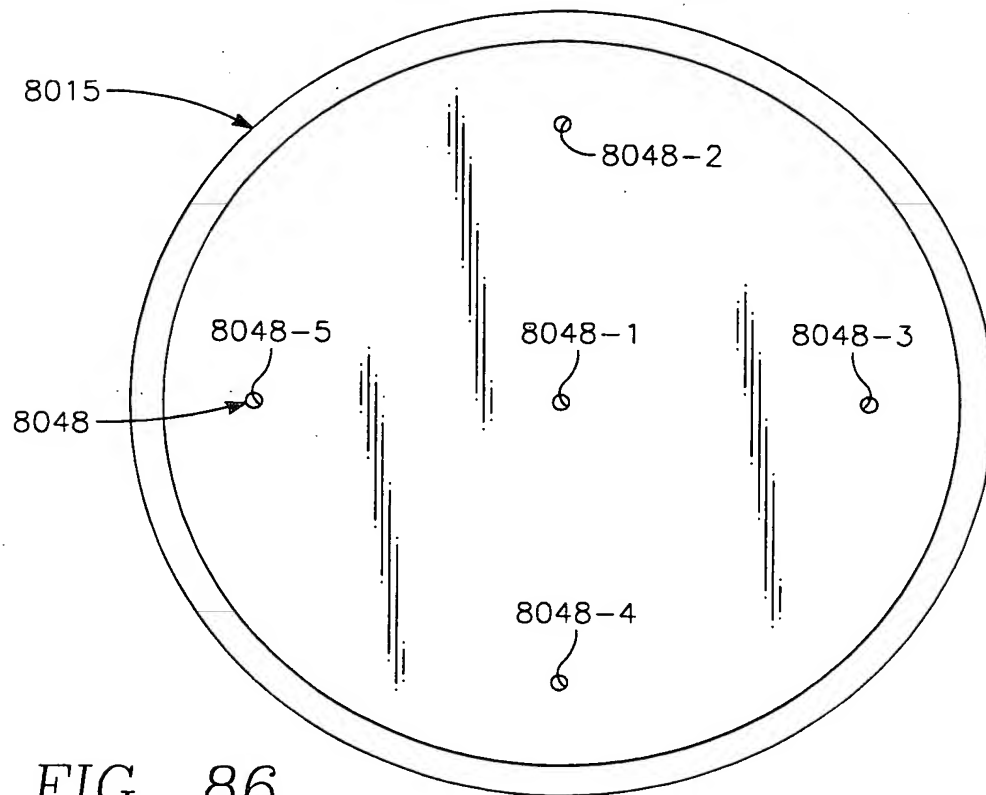


FIG. 86

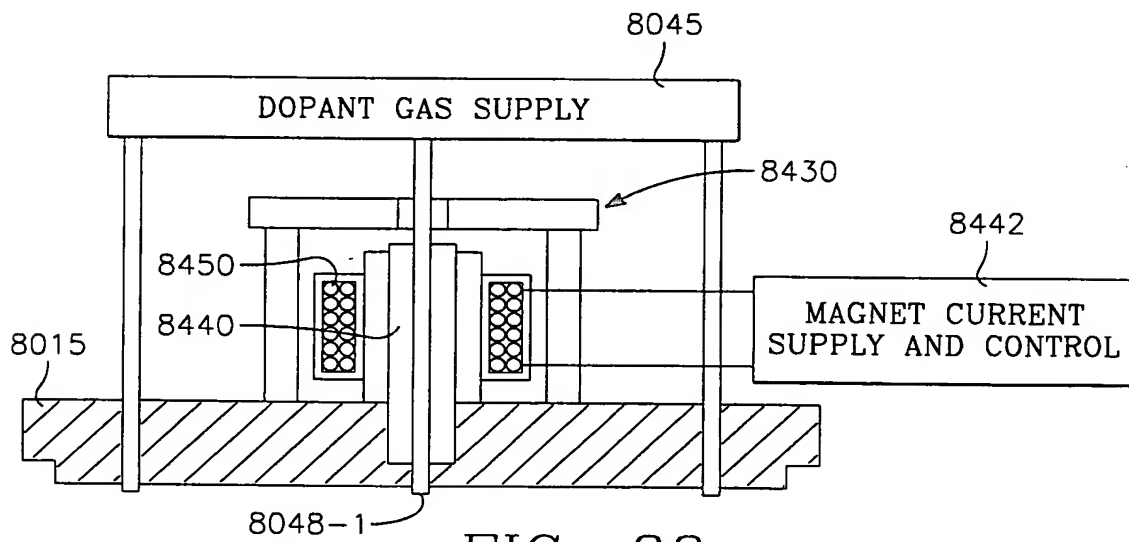


FIG. 88

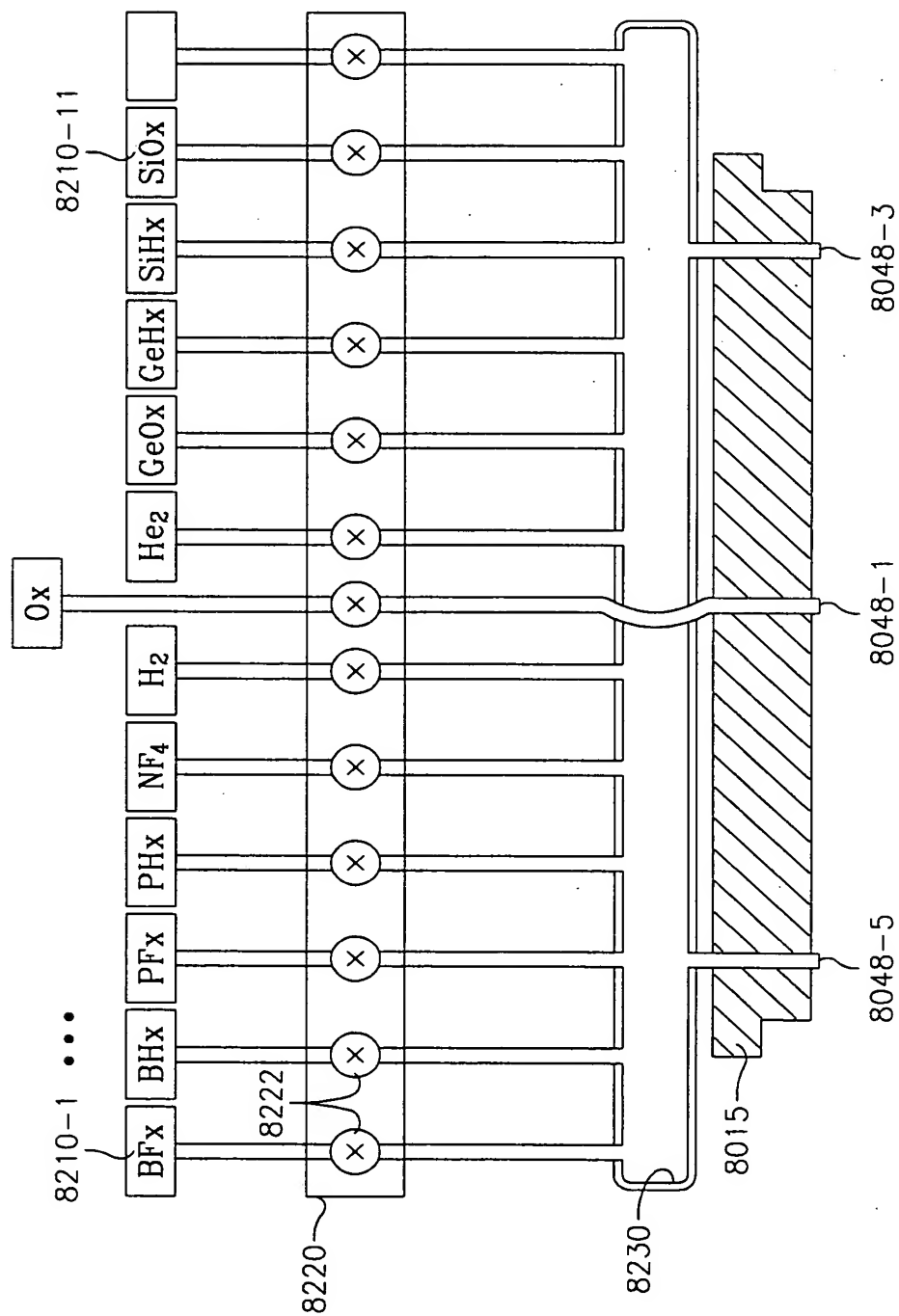


FIG. 87

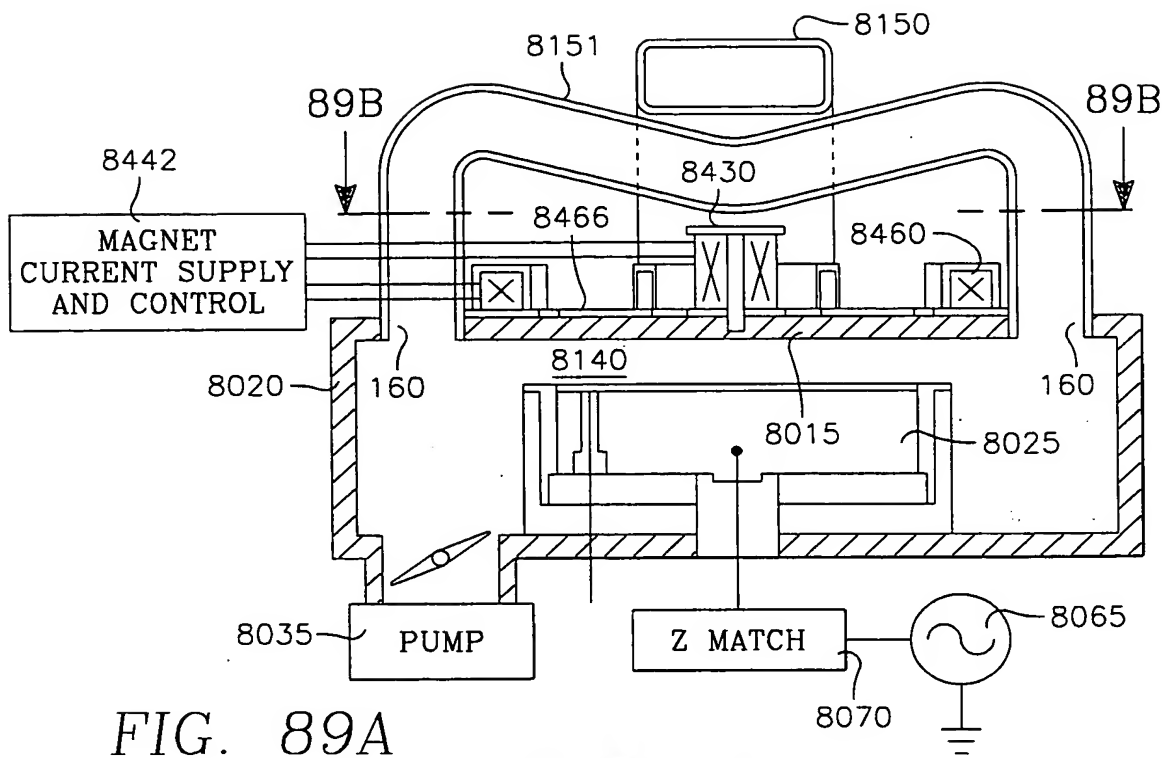


FIG. 89A

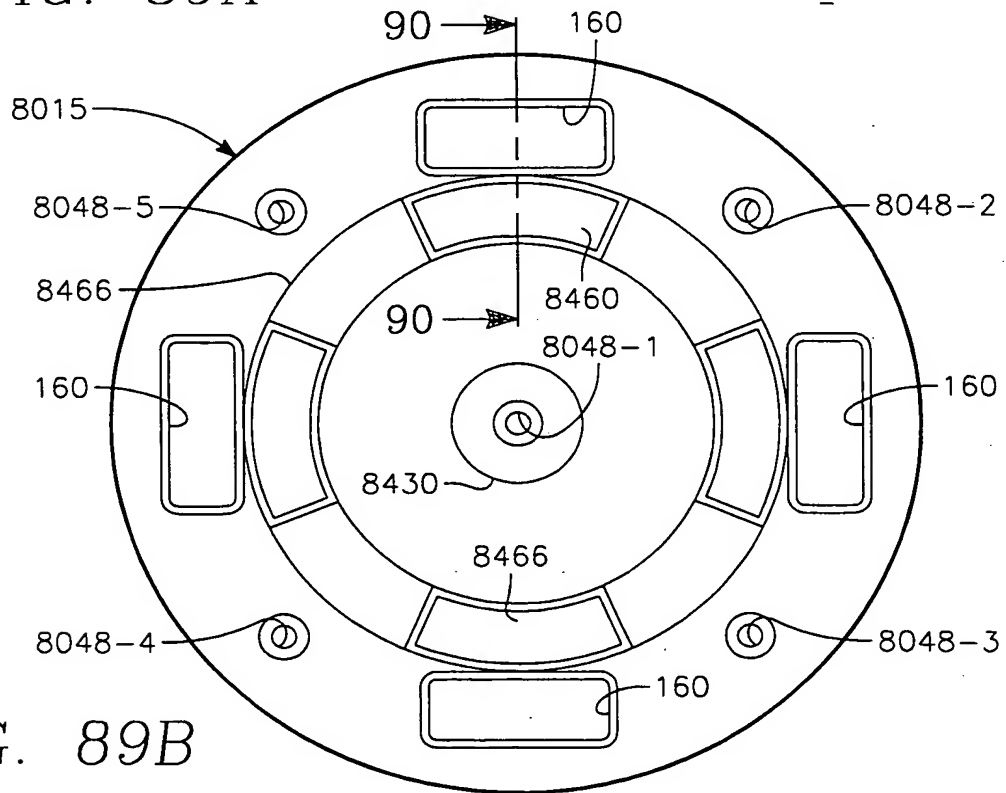


FIG. 89B

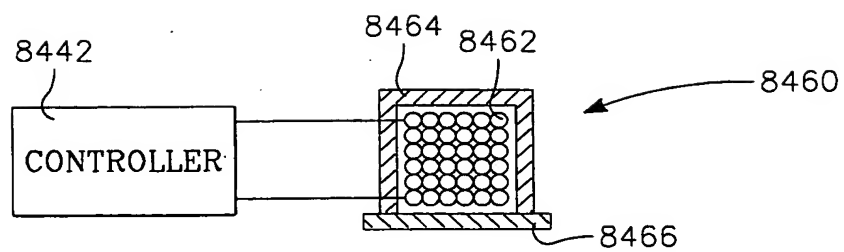


FIG. 90A

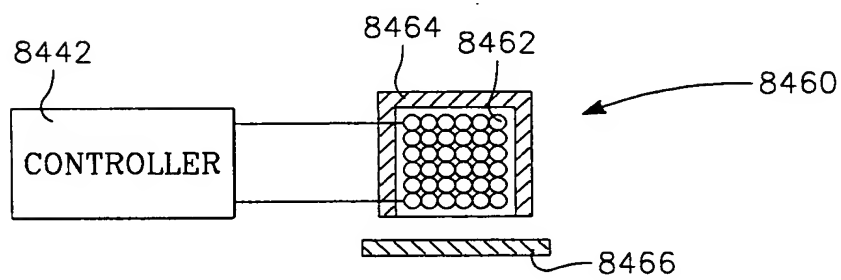


FIG. 90B

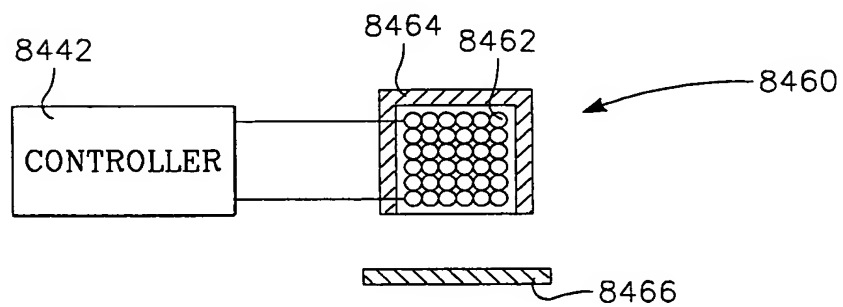


FIG. 90C



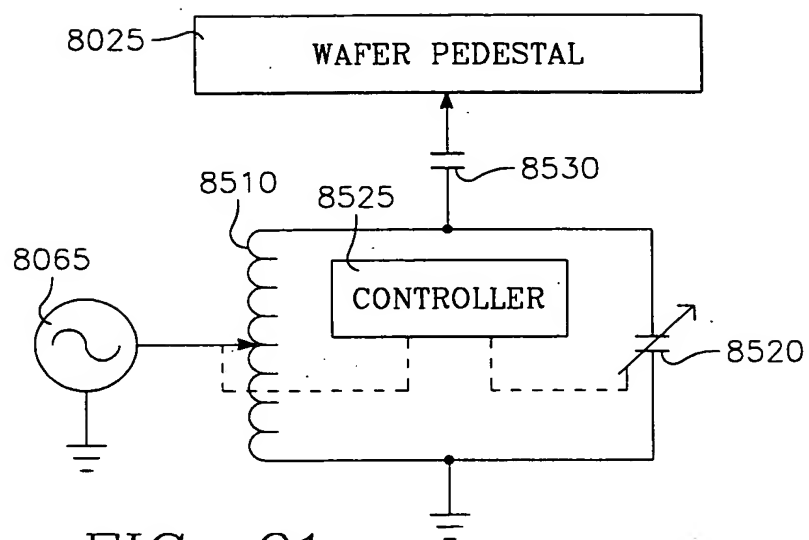


FIG. 91

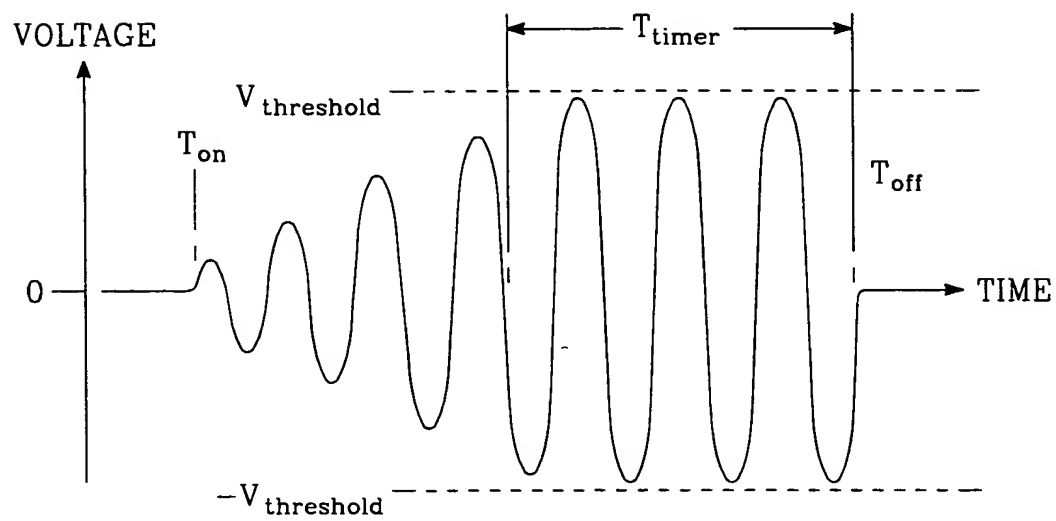


FIG. 92

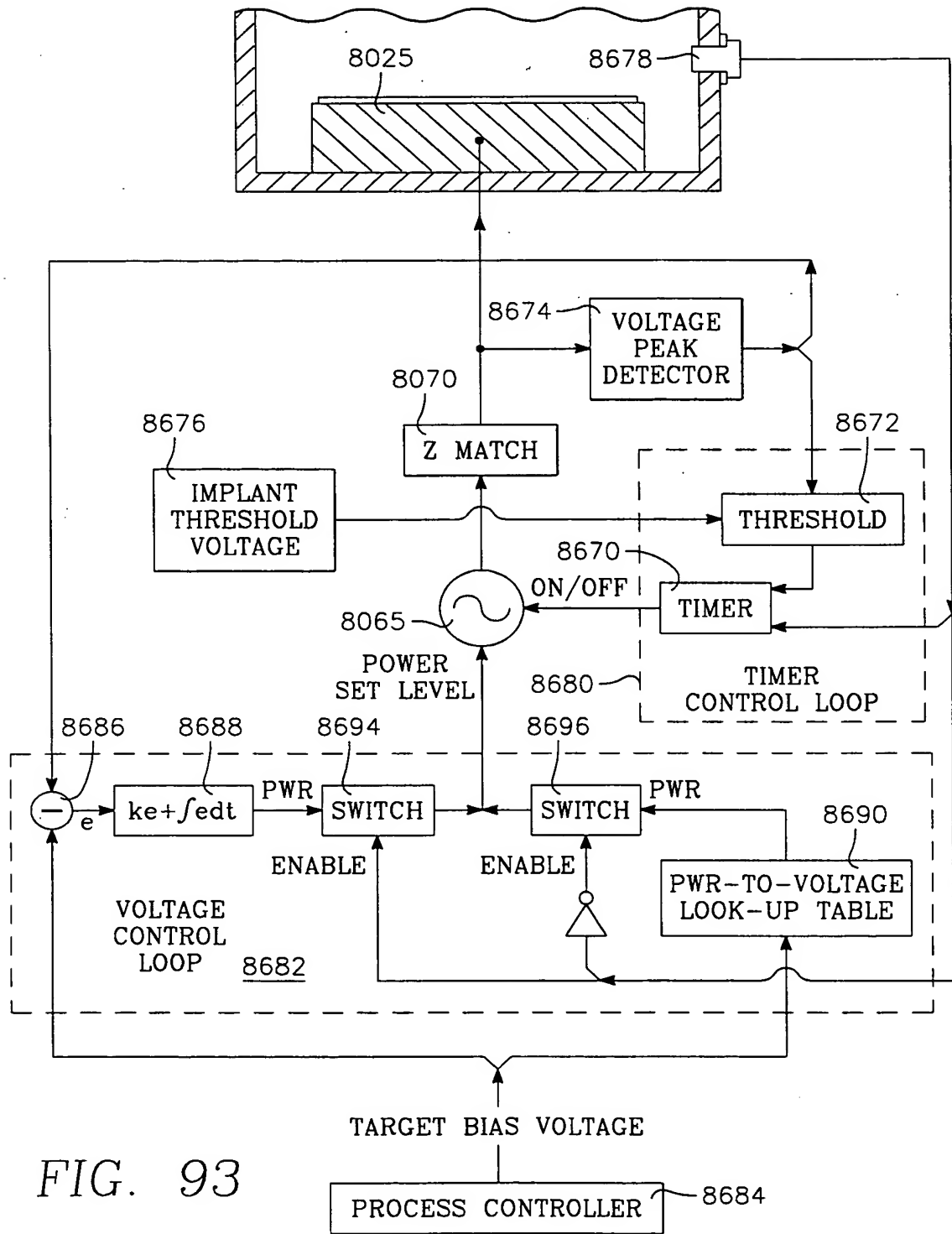


FIG. 93

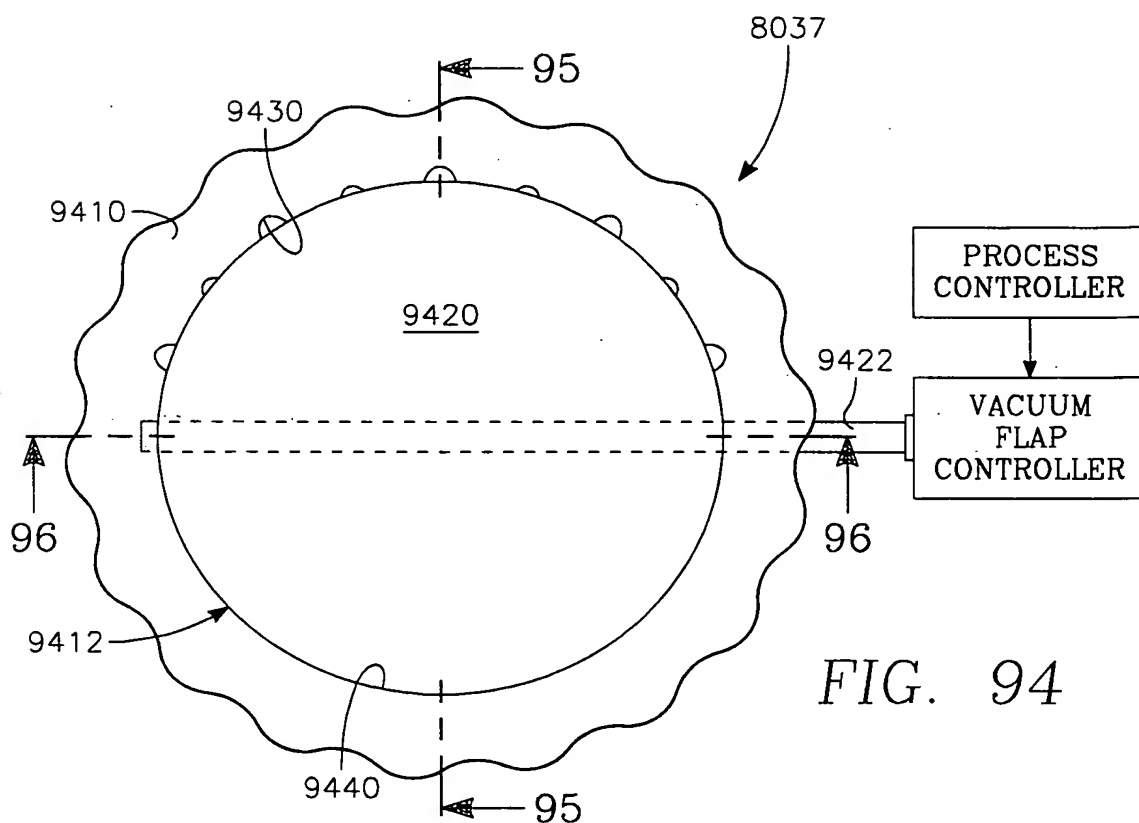


FIG. 94

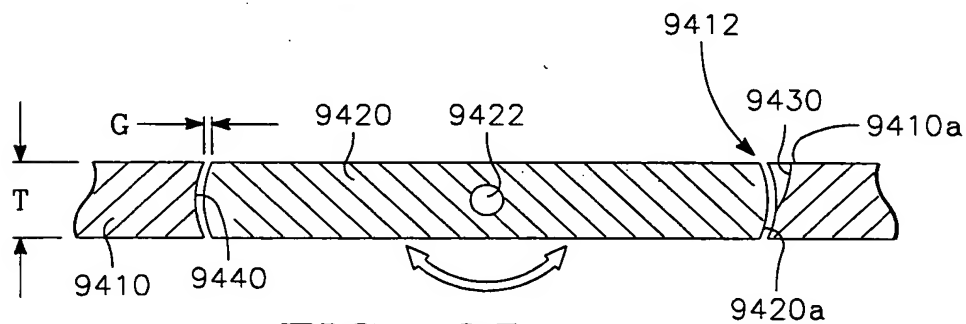


FIG. 95

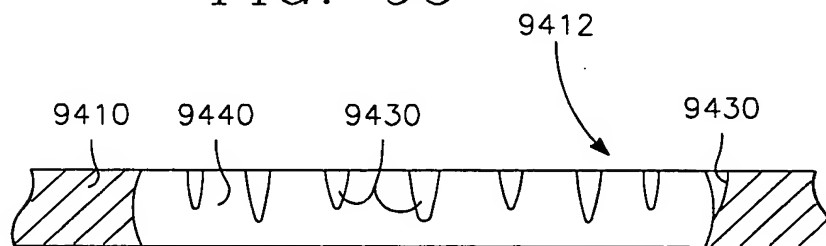
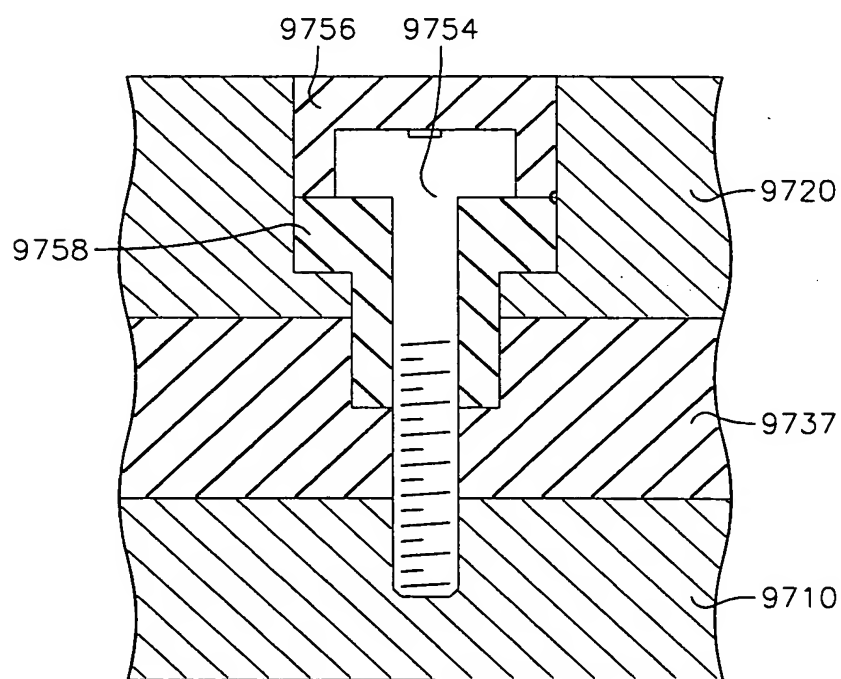
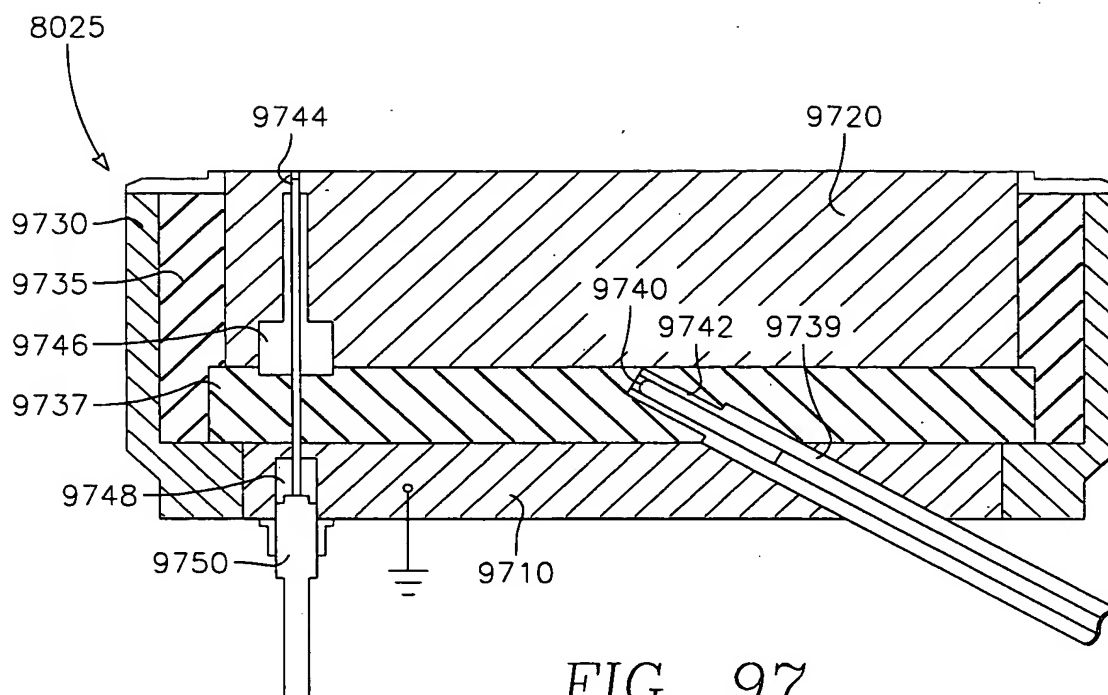


FIG. 96



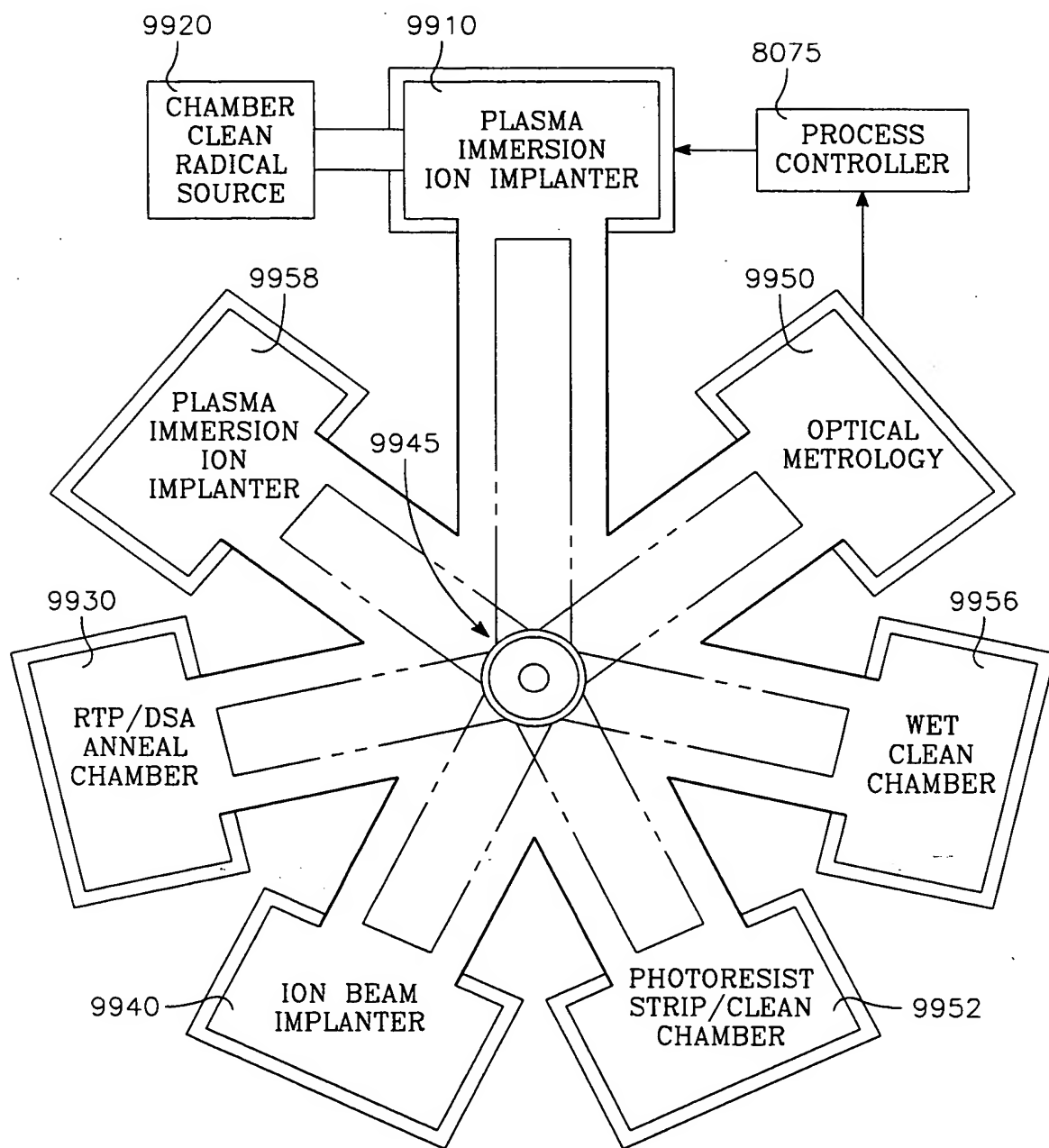
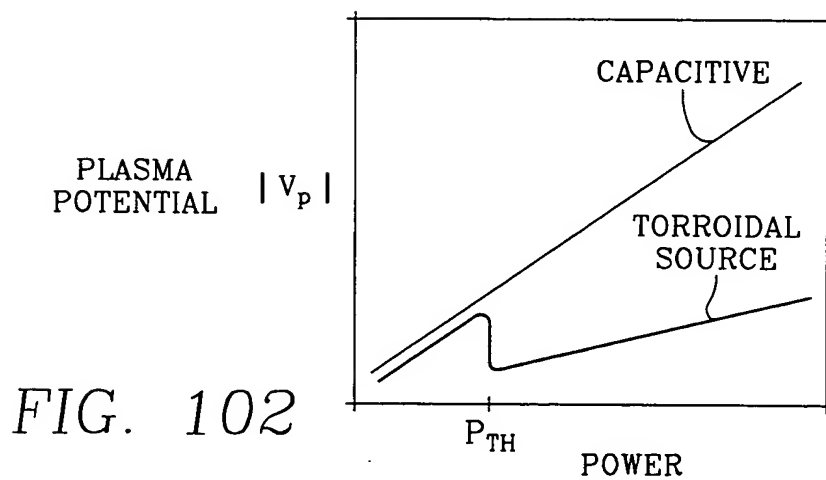
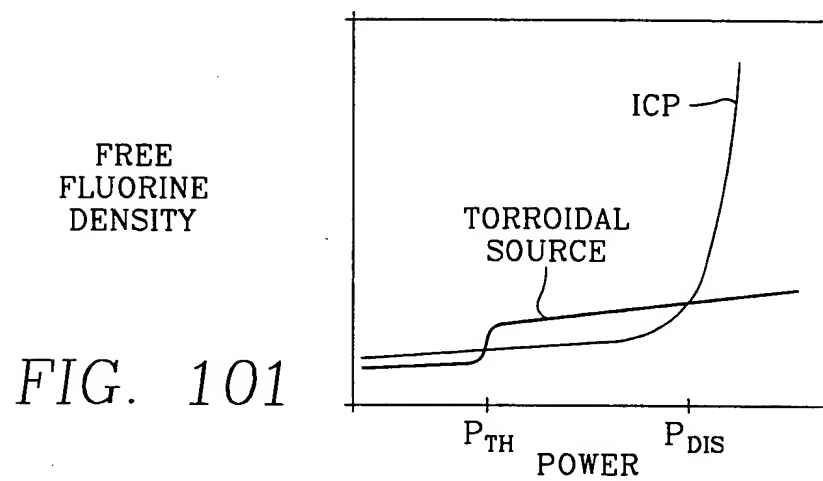
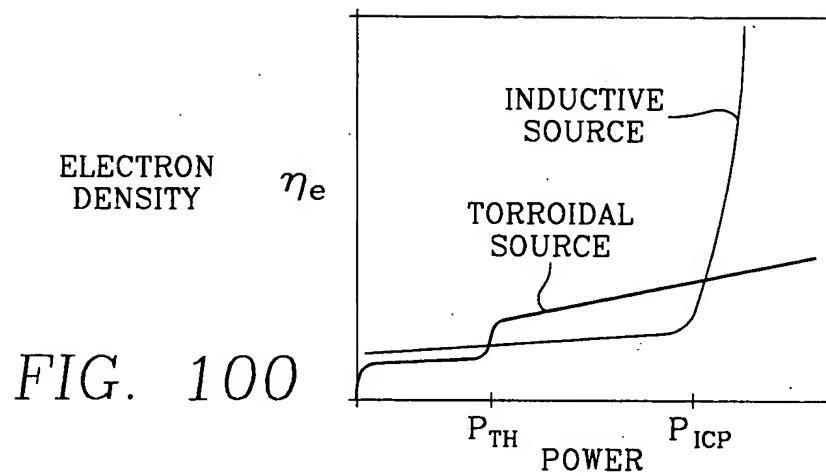


FIG. 99



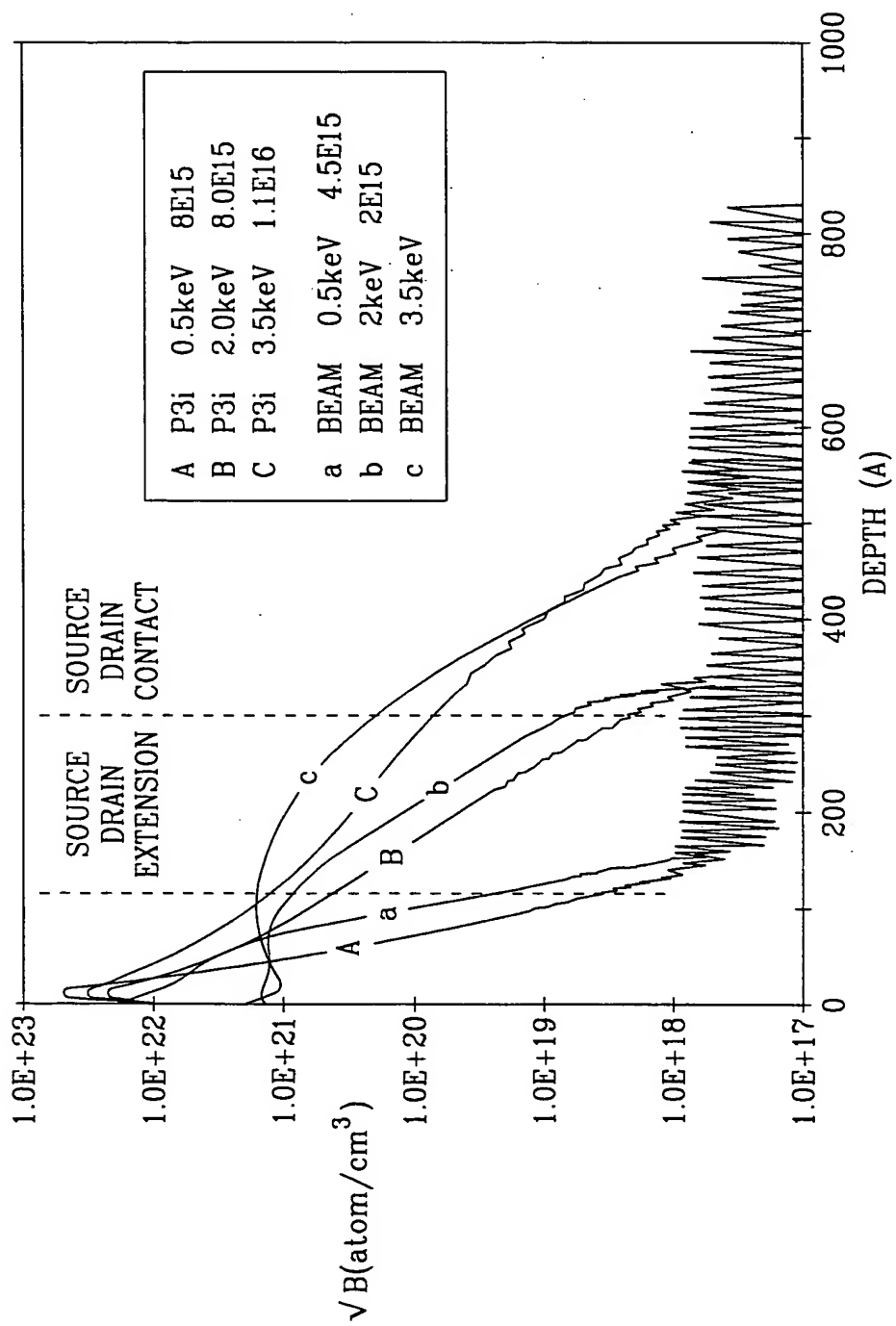


FIG. 103

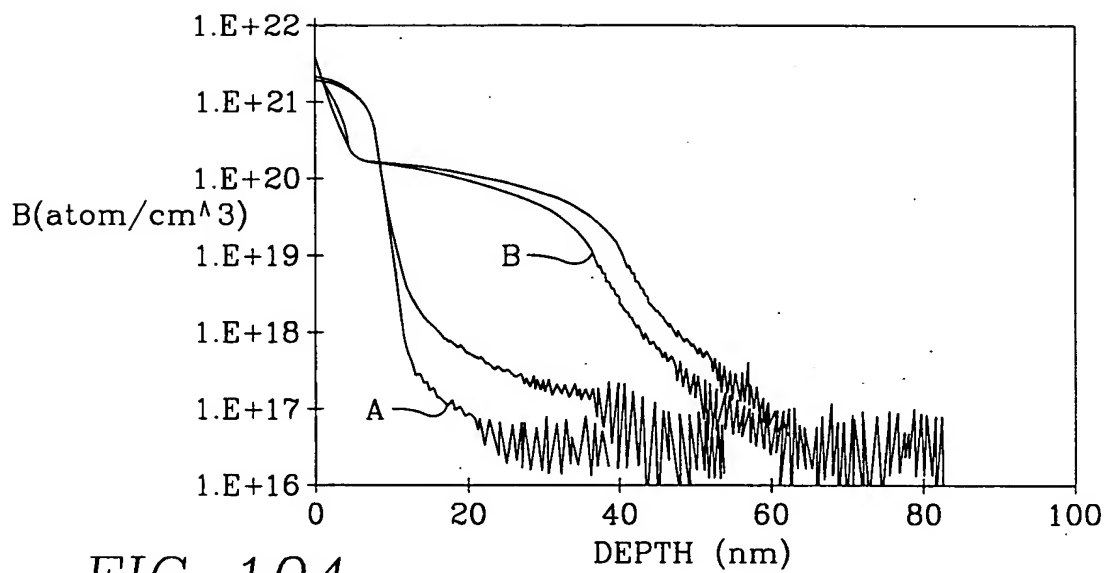


FIG 104

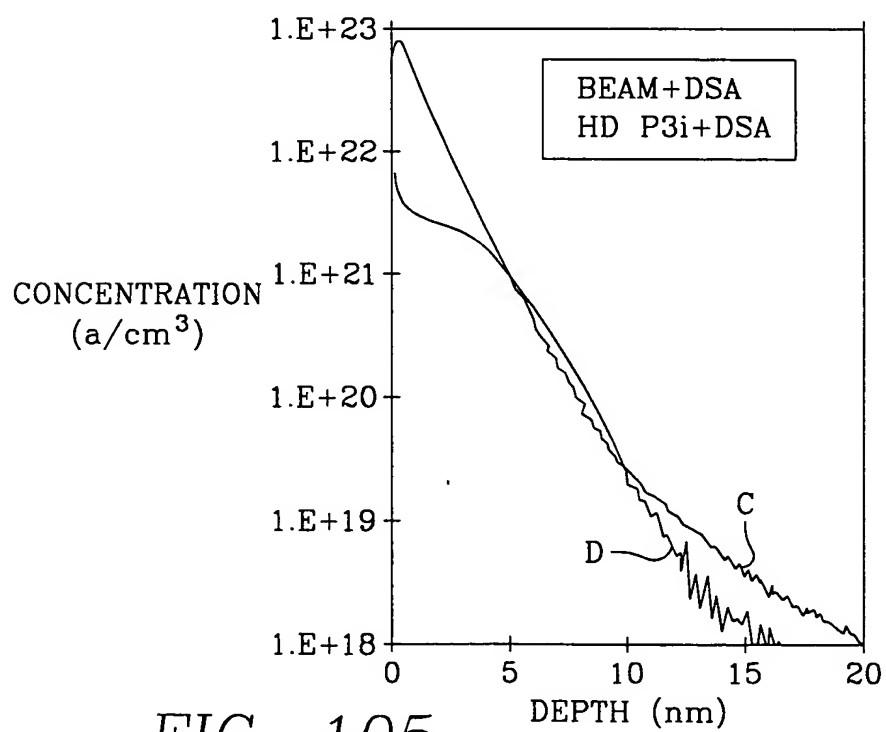


FIG. 105



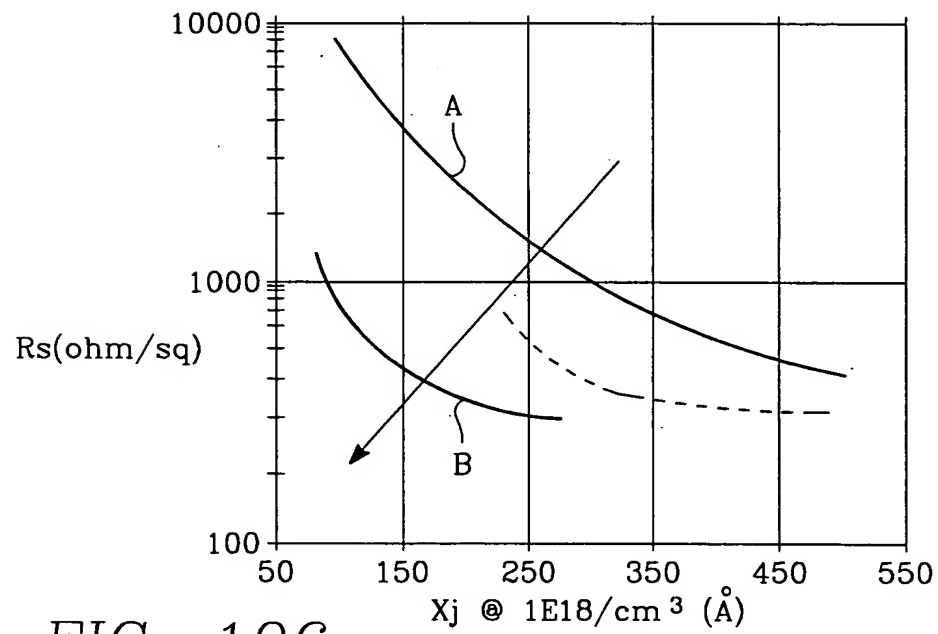


FIG. 106

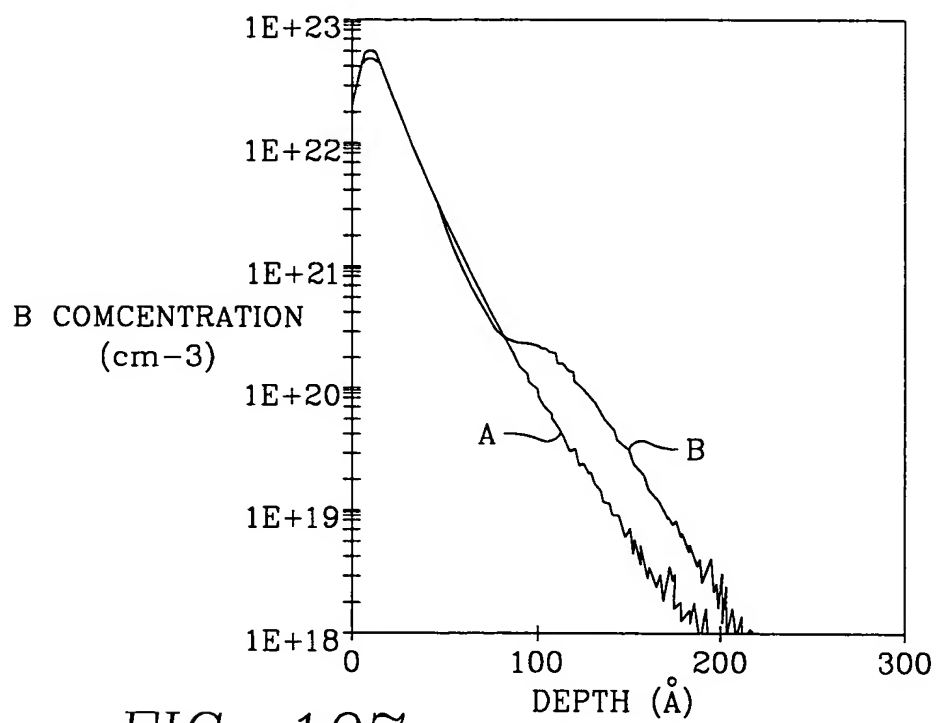


FIG. 107

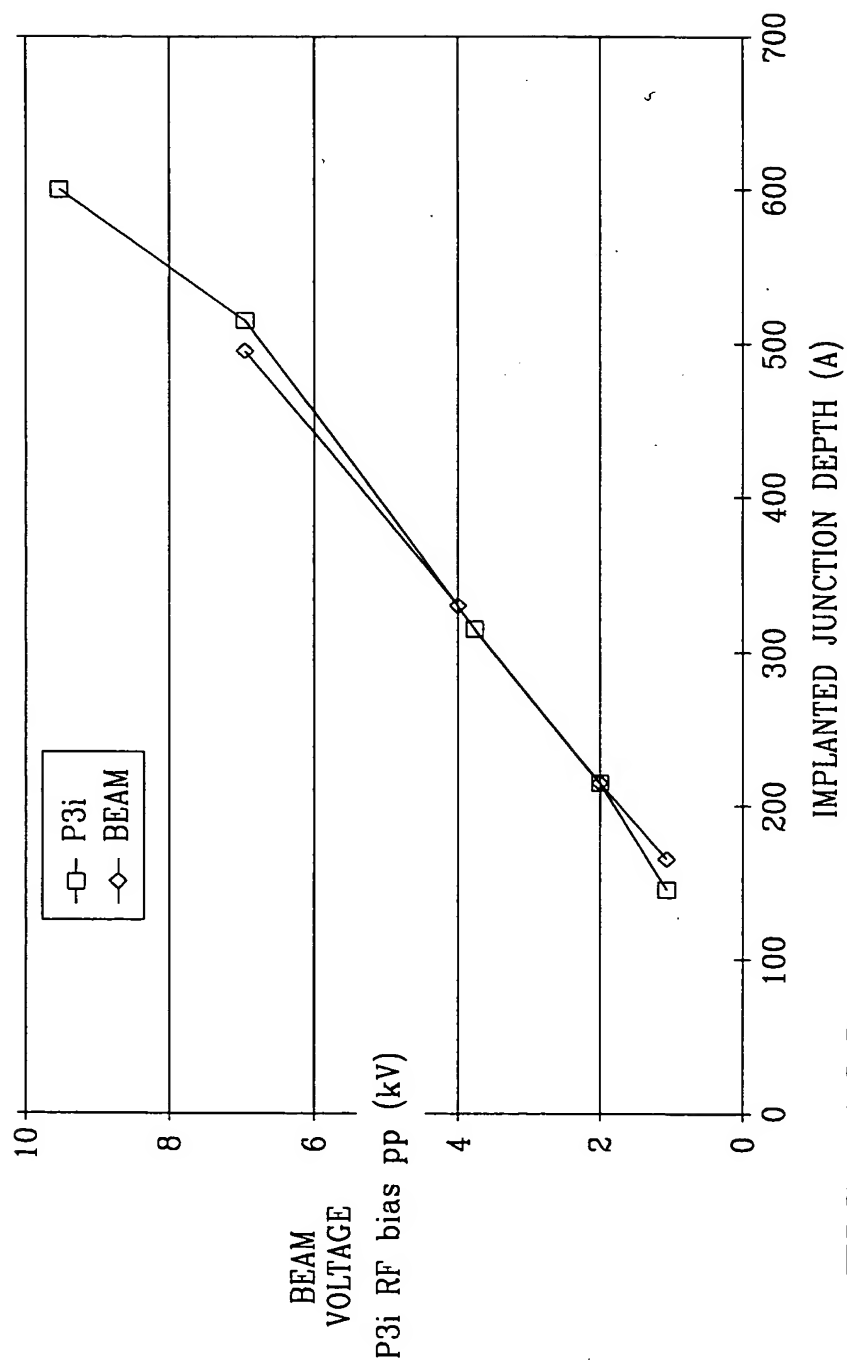


FIG. 108

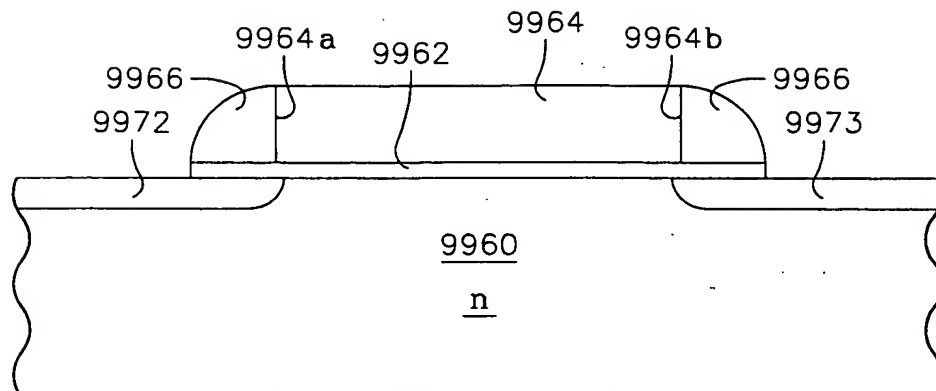


FIG. 109

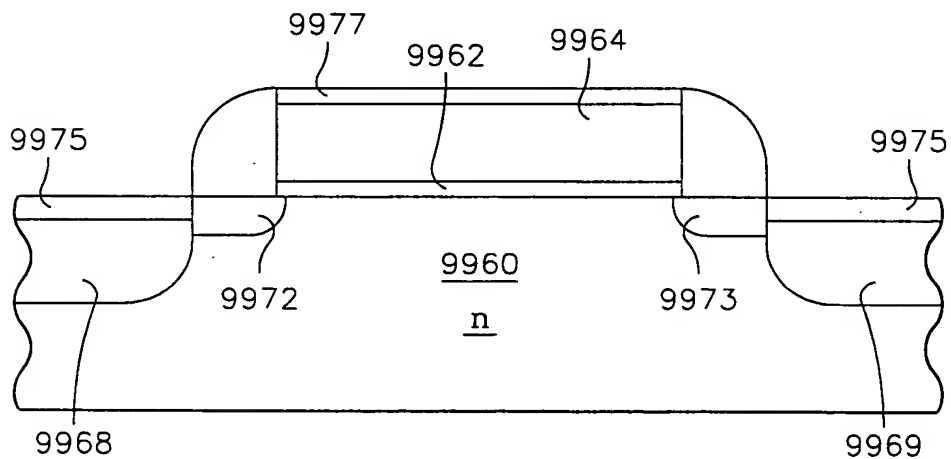


FIG. 110

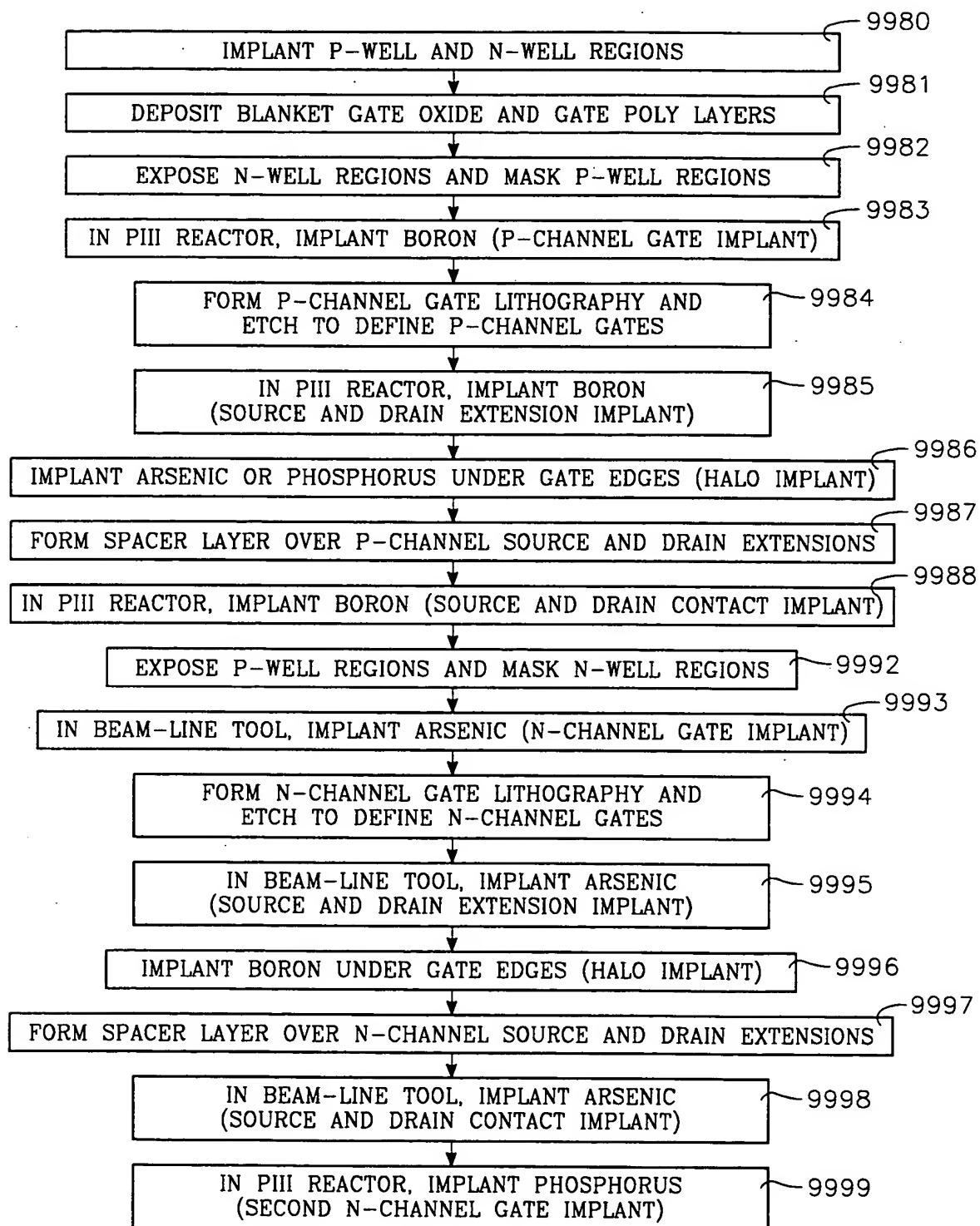


FIG. 111

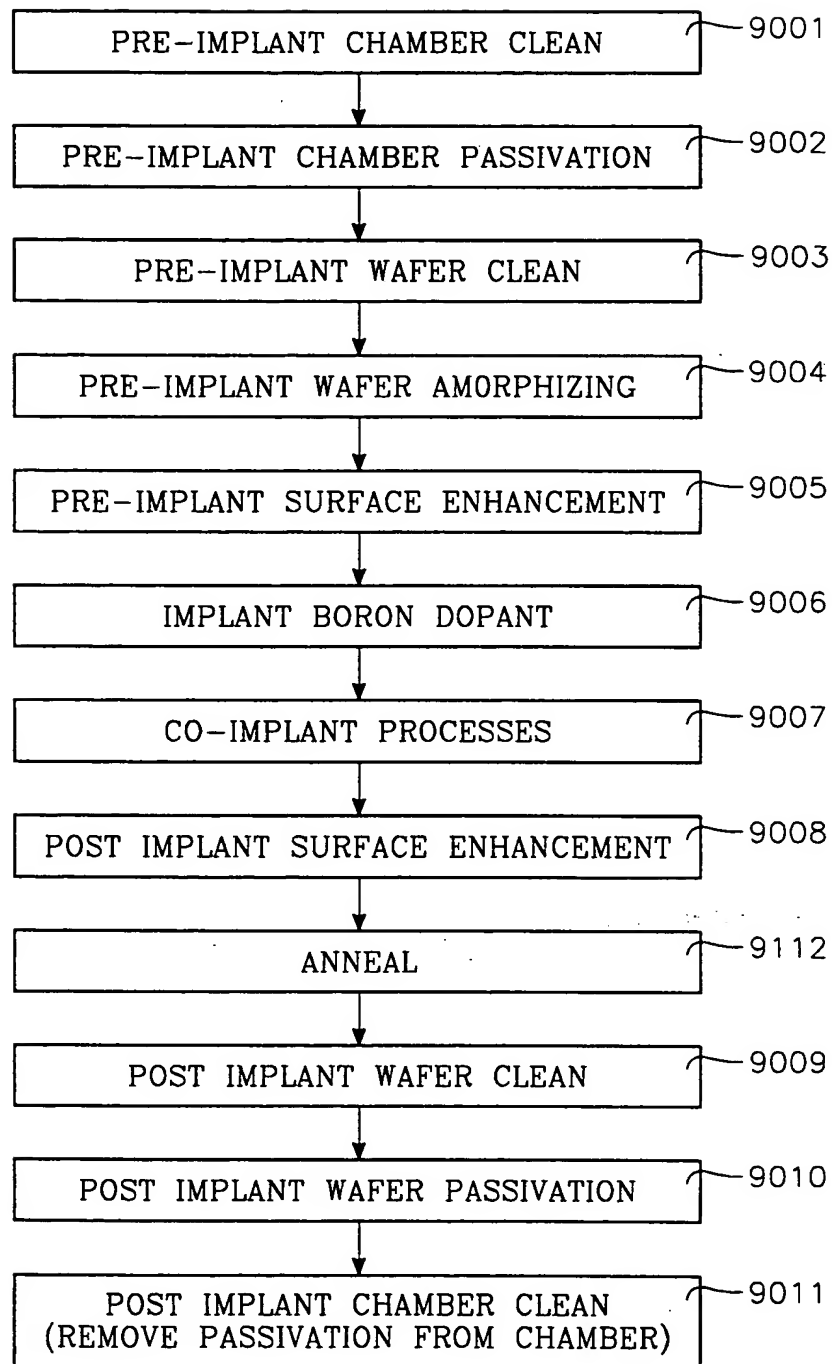


FIG. 112

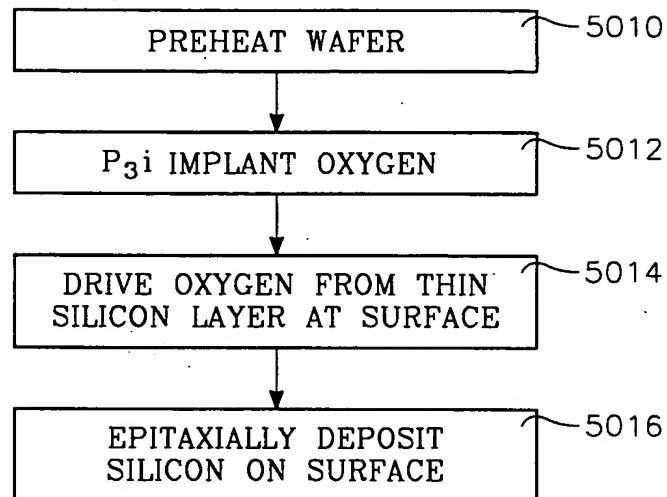


FIG. 113

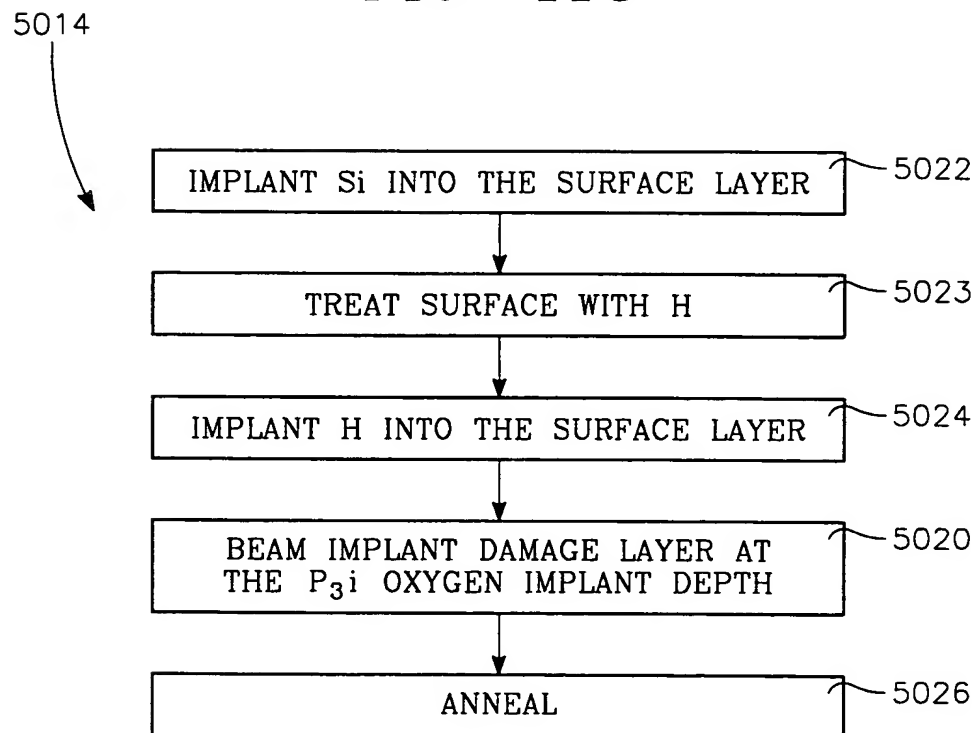


FIG. 114

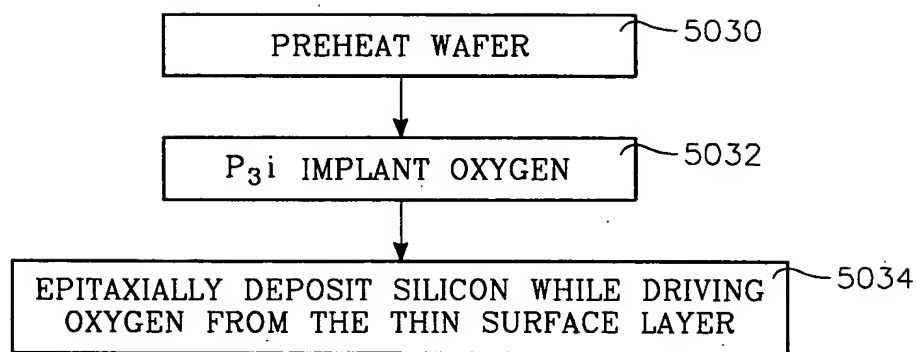


FIG. 115

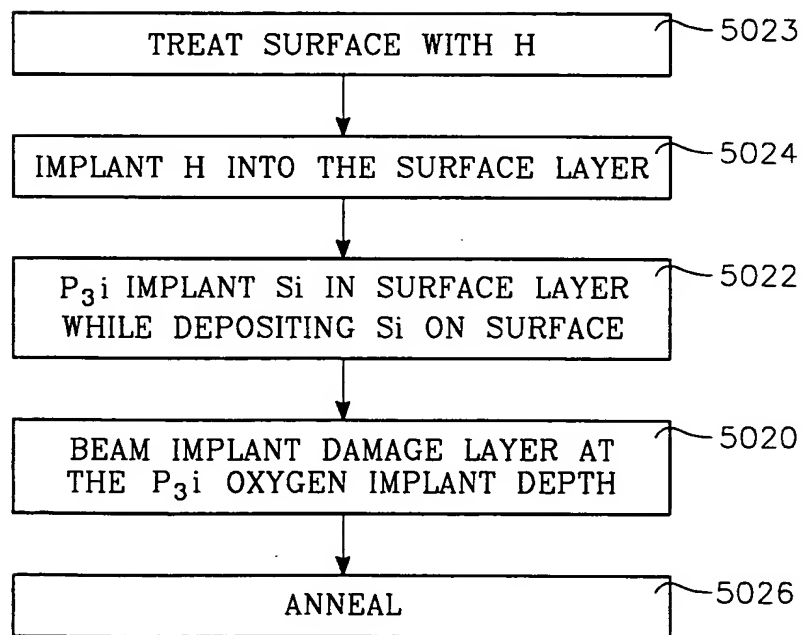


FIG. 116

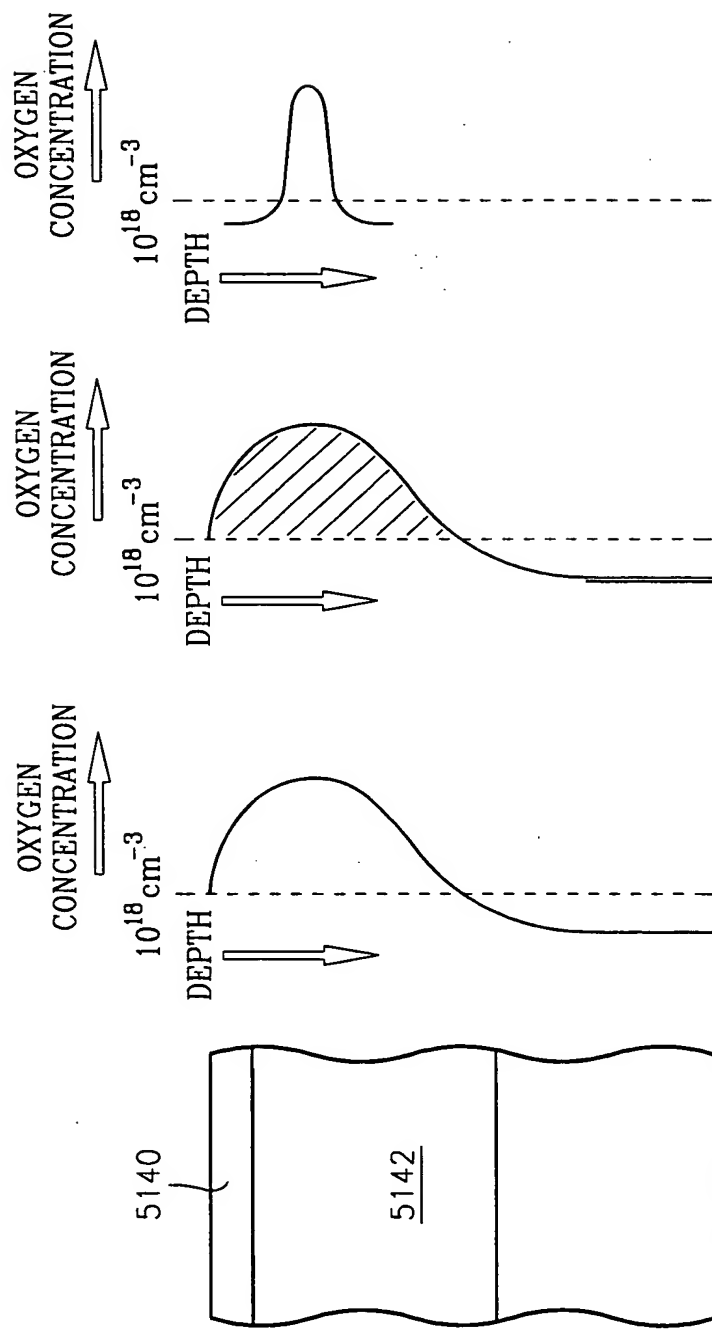


FIG. 117A FIG. 117B FIG. 117C FIG. 117D



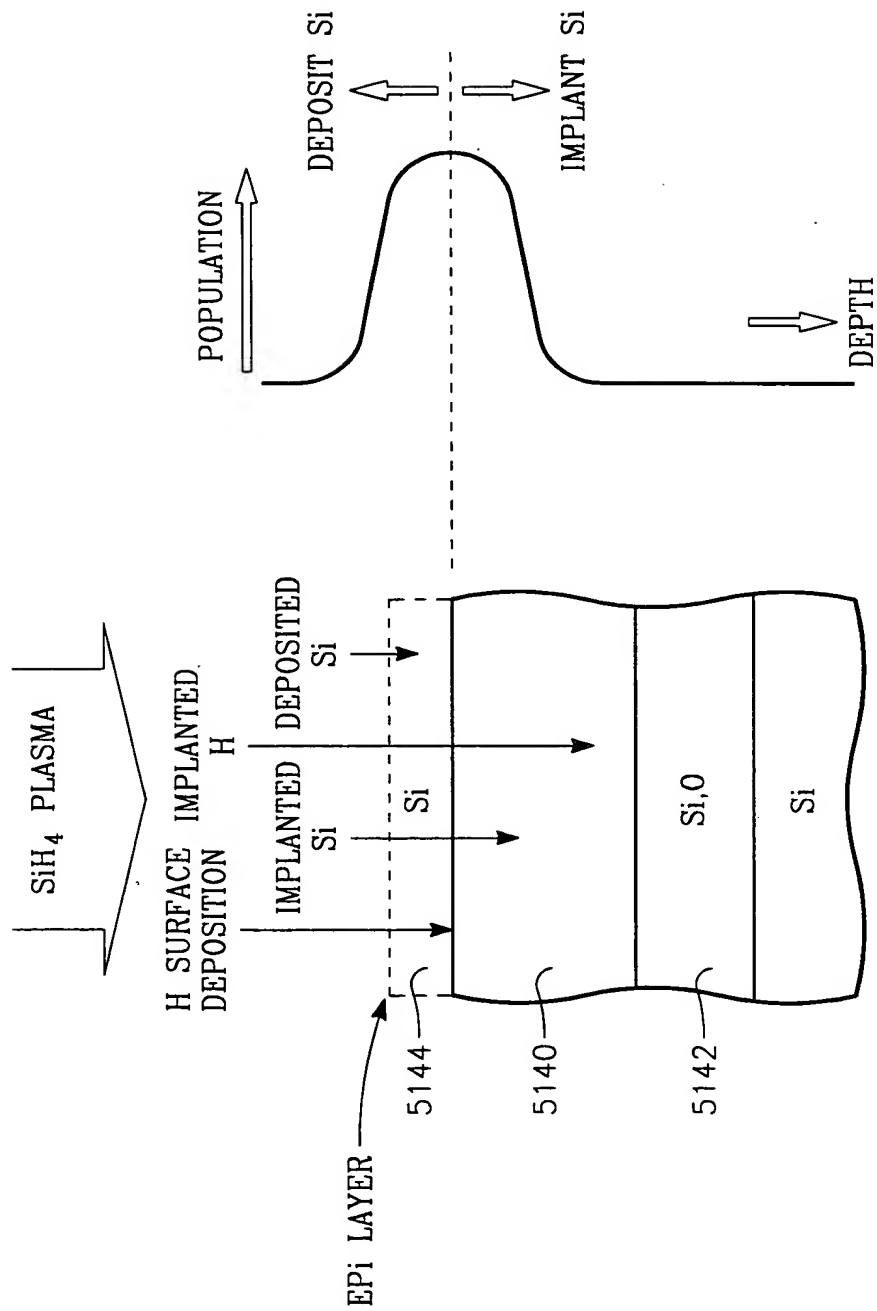


FIG. 118B

FIG. 118A

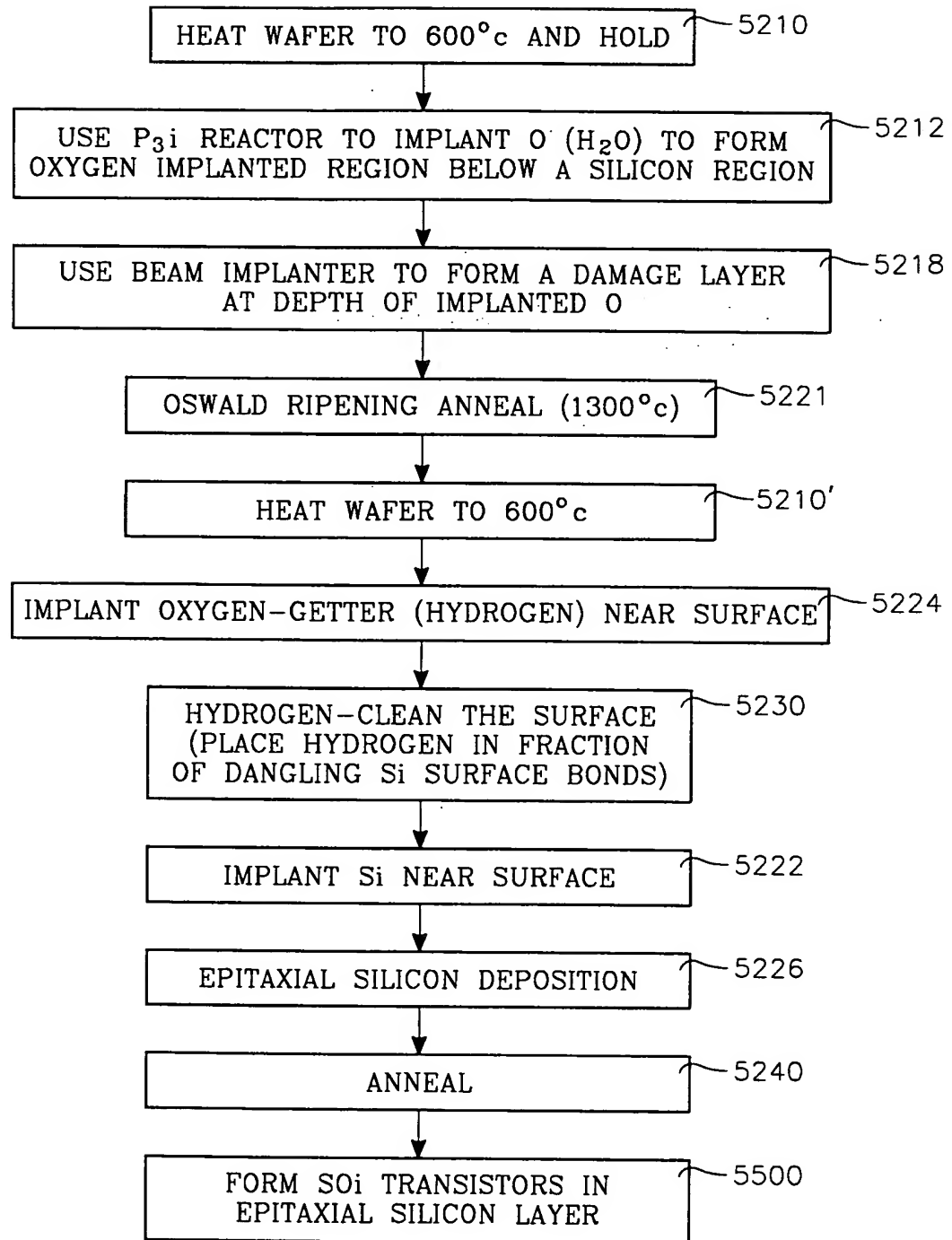


FIG. 119

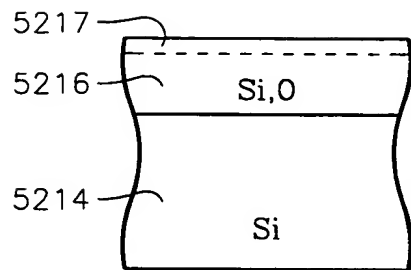


FIG. 120A

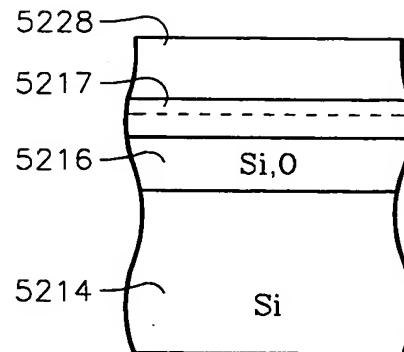


FIG. 120D

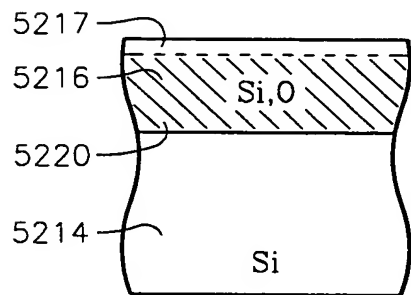


FIG. 120B

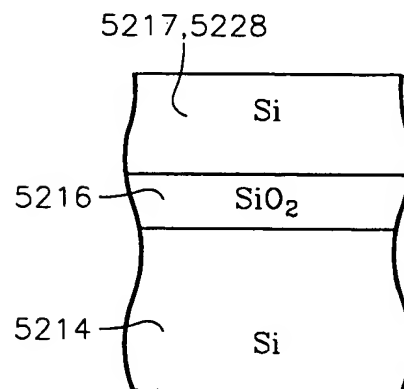


FIG. 120E

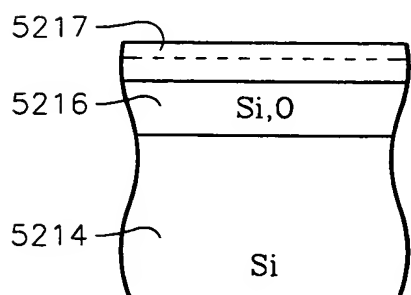


FIG. 120C

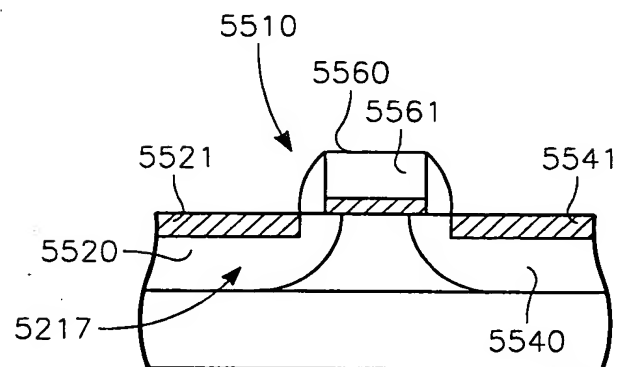


FIG. 120F

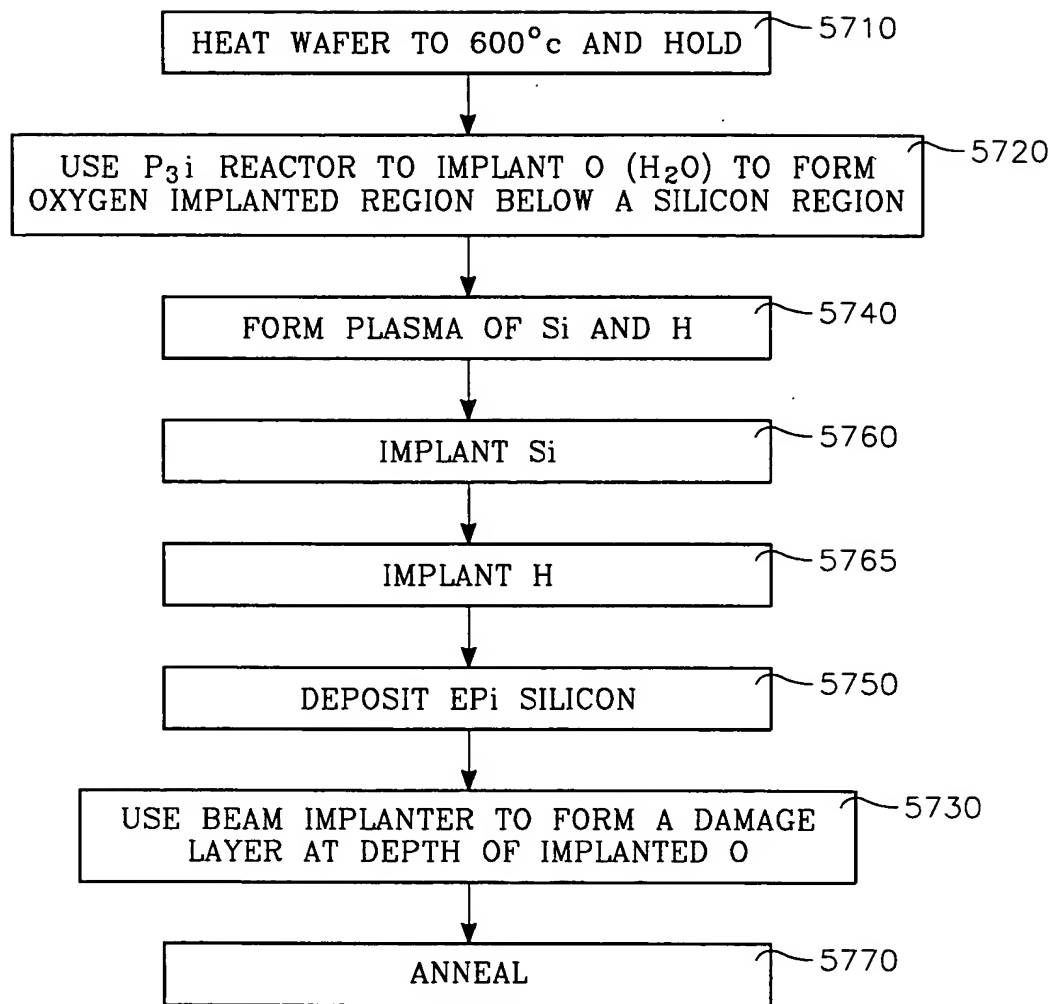


FIG. 121

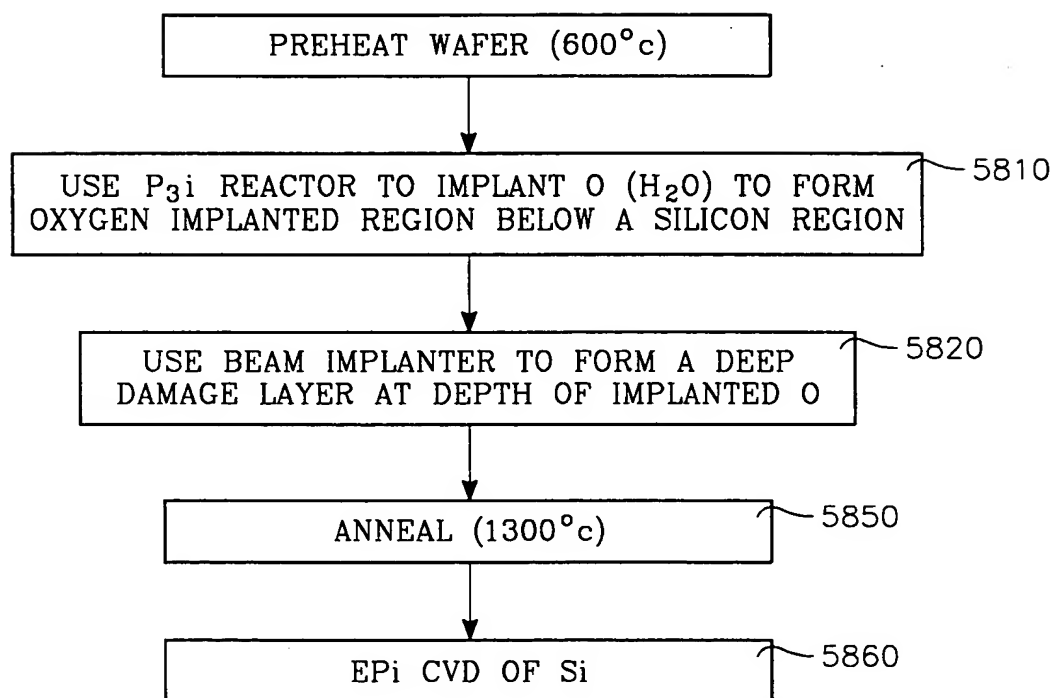


FIG. 122



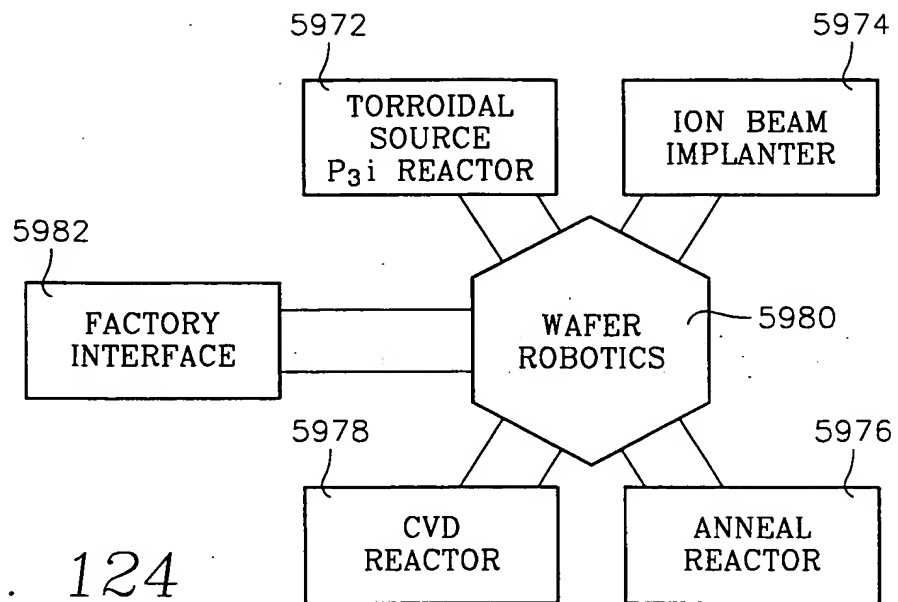


FIG. 124

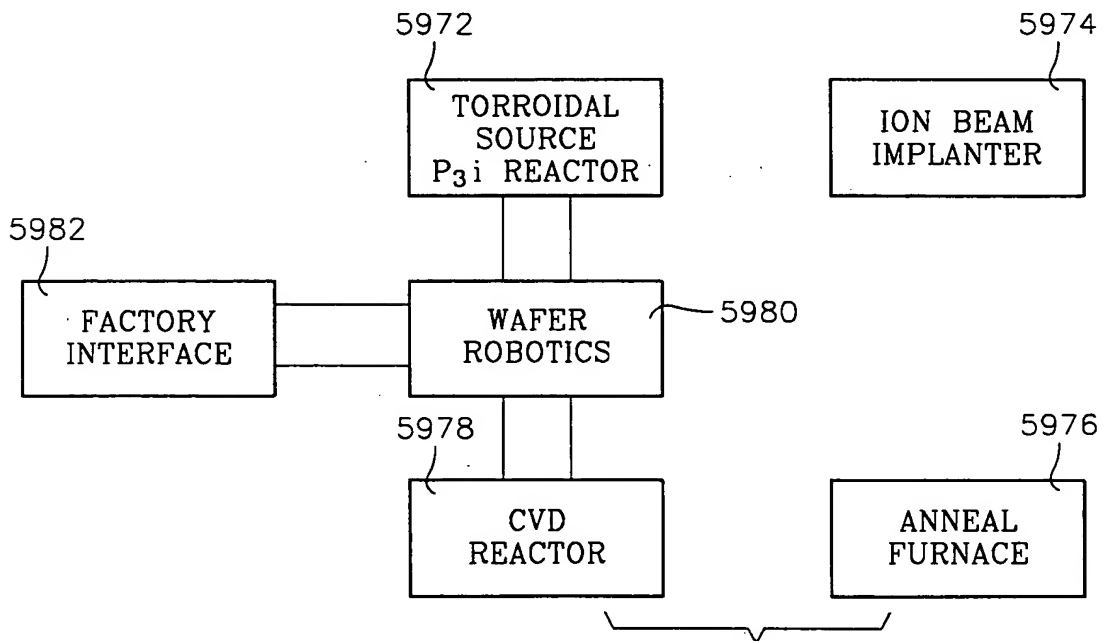


FIG. 125